Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B130 Daffodil yellow**
Chemical name	Preseodymium yellow
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment yellow 159	68187-15-5	100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflamation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting, seek medical advice.
Eyes	Wash immediately with copious amounts of water. Seek medical attention is irritation persist.
Skin	Wash affected areas with water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Yellow powder, odourless
Flash point (ºC)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	None known

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful $\mathbf{X_n}$
R-Phrases	R20 Harmful by inhalation
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S22 Do not breath dust or spray

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Quartz (total)	0.3.	8
Zirconium compounds (as Zr)	5	45

* refer to HSE Guidance note EH40
In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Saftey Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B131 Corn yellow**
Chemical name	Cassiterite Yellow, & Vanadium Yellow.
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment yellow 158	68186-93-6	100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting, seek medical advice.
Eyes	Wash immediately with copious amounts of water. Seek medical attention is irritation persist.
Skin	Wash affected areas with water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

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8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Cream powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	None known

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful
R-Phrases	R20/21 Harmful by inhalation and if swallowed. R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S28 After contact with skin, wash immediately with plenty of soap and water.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Vanadium compounds	0.5	4.0

* refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B132 Apple green**
Chemical name	Zircon Vanadium Green.
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment yellow 159	68187-15-5	60
C.I.Pigment blue 71	68186-95-8	40

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting, seek medical advice.
Eyes	Wash immediately with copious amounts of water. Seek medical attention is irritation persist.
Skin	Wash affected areas with water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Green powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	None known

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful
R-Phrases	R20/22 Harmful by inhalation and if swallowed. R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S28 After contact with skin, wash immediately with plenty of soap and water.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Barium compounds (as Ba)	0.5	0.6

* refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B134 Juniper Green**
Chemical name	Cobalt/ Chrome.
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment blue 36	68187-11-1	100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting, seek medical advice.
Eyes	Wash immediately with copious amounts of water. Seek medical attention is irritation persist.
Skin	Wash affected areas with water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)

Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Green powder, odourless
Flash point (ºC)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	None known

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
	R43 May cause sensitisation by skin contact.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S24 Aviod contact with skin.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt compounds (as Co)	0.10	5.0
Chromium compounds	0.50	25.0

* refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B135 Celestial Blue**
Chemical name	Vanadium Blue.
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment blue 71	68186-95-8	100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persist.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

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8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Turquoise powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure above Occupational Exposure Standards may cause lung and/or kidney damage.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful
R-Phrases	R20/22 Harmful by inhalation and if swallowed. R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S28 After contact with skin, wash immediately with plenty of soap and water.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Barium compounds (as Ba)	0.5	1.25

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B136 Delphinium Blue**
Chemical name	Cobalt Chromite Blue-Green Spinel
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment blue 36	68187-11-1	100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Blue powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
	R43 May cause sensitisation by skin contact
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S24 Avoid contact with skin.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt compounds (as Co)	0.10	5.8%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Directors:
D.Dodd C.Dodd
L.Dodd D.Bennett

Telephone: Stoke-on-Trent
(01782) 313956 & 312286
Fax: (01780) 598148

WG Ball
MAKERS OF COLOUR

SAFETY DATA SHEET .

1. Identification of Preparation

Trade Name	:	B.137.Delft Blue.
Chemical Name	:	Cobalt silicate.
Supplier	:	W. G. Ball Limited

2. Composition

	C.A.S. No.	% of Composition
C.I.Pigment Blue 73.	68187-40-6*	100.0

3. Health Hazards

Inhalation	:	Excessive exposure may cause symptons of chronic lung disease.
Ingestion	:	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	:	May cause physical irritation and inflammation.
Skin	:	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

4. First Aid Measures

Inhalation	:	Remove patient to fresh air, loosen clothing & seek medical attention.
Ingestion	:	Do not induce vomiting seek medical advice.
Eyes	:	Wash immediately with copious amounts of water.
Skin	:	Wash affected areas with water.

5. Fire Fighting Measures

Extinguishing Media	:	Suitable for surrounding fire conditions.
Special Exposure Hazard:		In the event of fire, the product may emit harmful or toxic fumes.
Personal Protective Equipment:		Self contained breathing apparatus.

6. Accidental Release Measures

Leaks and Spills	:	Use suitable vacuum equipment where practicable, otherwise damp down and scoop into a container.
Personal Protective Equipment:		Respiratory protective equipment.

7. Handling and Storage

Handling	:	Do not eat, drink or smoke in areas where the material is used. Wash thoroughly after handling.
Storage	:	Store in a dry area.

8. Exposure Controls/Personal Protective Equipment

Engineering Controls	:	Adequate ventilation should be provided so that occupational exposure limits are not exceeded. Local exhaust ventilation is normally recommended.
Personal Protective Equipment:		Where L.E.V. is not practicable and exposure is likely to be excessive,approved respiratory protection conforming to CEN standards EN 140,141,143 or 149 should be worn.

Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical Properties

Appearance & Odour	:	Blue, odourless powder.
Flash Point	:	Not applicable.
Flammability	:	Does not support combustion.
Explosive Properties	:	Non explosive.
Oxidising Properties	:	None.
Specific Gravity	:	N.A.
Solubility	:	Insoluble.
Melting Point	:	N.A.

10. Stability and Reactivity

Chemical Stability	:	The material is stable.
Conditions/Materials to Avoid	:	None known.
Hazardous Decomposition Products	:	None known.
Hazardous Polymerization Products	:	None.

11. Toxicological Information

Health Effects: The product is likely to be of low toxicity.

12. Ecological Information

Ecotoxicity	:	Not known.
Persistence	:	Not known.

13. Disposal

Dispose of in accordance with current waste disposal regulations (for U.K. - Control of Pollution [Special Waste] Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

U.N./S.I. No.	:	Not classified.
U.N. Class	:	Not classified.
Packing Group	:	Not classified.
Road:- U.K.	:	Not classified.
A.D.R.	:	Not classified.
Sea:- I.M.O.	:	Not classified.
Air:- I.C.A.O.	:	Not classified.

15. Regulatory Information

E.C. Supply Labelling	:	Powder Product.- Harmful.Xn
R-Phrases	:	R20/22: Harmful by inhalation and if swallowed. R43: May cause sensitisation by skin contact.
S-Phrases	:	S13: Keep away from food, drink and animal feeding stuffs. S20/21: When using do not eat, drink or smoke.

U. K. Occupational Exposure Limits:	mg/m3 8 hr TWA.	% in product.
Cobalt compounds (as Co)	0.1	48.00

16. Other Information

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B139 Heather Mauve**
Chemical name	Cassiterite Chromium Orchid
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment Red 236	68187-53-1	100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

---

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Purple powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
	R43 May cause sensitisation by skin contact
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S24 Avoid contact with skin.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt compounds (as Co)	0.10	0.5%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B141 Rosy Pink**
Chemical name	Sphene, Chromium Tin Pink
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment Red 233	68187-12-2	100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Pink powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	None required by directive 88/379/EEC, and subsequent amendments.
R-Phrases	None
S-Phrases	Optional safety phrases; S13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S24 Avoid contact with skin. S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Dusts: Total inhalable	10.0	
Respirable	4.0	

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B142 Raspberry**
Chemical name	Chrome Tin Pink Sphene
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment Red 233	68187-12-2	100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Pink powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	None required by directive 88/379/EEC, and subsequent amendments.
R-Phrases	None
S-Phrases	Optional safety phrases; S13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S24 Avoid contact with skin. S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Dusts: Total inhalable	10.0	
Respirable	4.0	

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B143 Terracotta**
Chemical name	Spinels, Chromium, Iron Zinc Brown.
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment Brown 33	68186-88-9	100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

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8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Brown powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Chromium Compounds	0.50	12%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B144 Buffalo Brown**
Chemical name	Zinc Iron Chromite Spinal.
Synonyms	Underglaze brown
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Brown 33	68186-88-9		100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Brown powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Chromium Compounds	0.50	23%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B145 Jet Black**
Chemical name	Cobalt Black.
Synonyms	Underglaze black, 3029.
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Black 27	68186-97-0		100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Black powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt Compounds	0.10	13%
Chromium Compounds	0.50	12%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B146 Polar White**
Chemical name	
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
Opacified Borosilicate	65997-18-4		100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

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8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	White powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Dusts: Total inhalable	10	
Respirable	5	

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B148 Chromium Green**
Chemical name	Hermatite, Chromium Green Black
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Green 17	68909-79-5		100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

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8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Green powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Chromium Compounds	0.50	56%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B150 Turquoise Blue**
Chemical name	Zircon, Vanadium Blue
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Blue 71	68186-95-8		100

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

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8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Blue powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause lung or kidney damage.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Barium Compounds (as Ba)	0.50	1.5%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B151 Light Blue**
Chemical name	Zircon, Vanadium Blue
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Blue 71	68186-95-8		50%
Borosilicate Flux			50%

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Light Blue powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Barium Compounds (as Ba)	0.50	0.75%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B152 Mazarine Blue**
Chemical name	Cobalt-Silicate Blue
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Blue 73	68187-40-6		100%

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Purple powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
	R43 May cause sensitisation by skin contact
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S24 Avoid contact with skin.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt Compounds (as Co)	0.10	45%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B153 Purple**
Chemical name	Cobalt Chrome Purple
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Red 233	68187-12-2		90%
C.I.Pigment Blue 74	68412-74-8		10%

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Purple powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
	R43 May cause sensitisation by skin contact
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S24 Avoid contact with skin.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt Compounds (as Co)	0.10	3.6%

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B154 Crimson**
Chemical name	Sphene, Chromium Tin Pink
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Red 233	68187-12-2		60%
Borosilicate Flux			

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3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Pink powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	**Harmful X_n**
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
	R43 May cause sensitisation by skin contact
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S24 Avoid contact with skin.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Dusts: Total inhalable	10	
Respirable	5	

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies
MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B155 Salmon Pink**
Chemical name	Corundum Chromium Pink
Synonyms	None known
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
C.l.Pigment Red 230	68187-27-9		100%

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4 First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water. sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH4O . latest edition)
Storage	Store in dry area

8.Exposure Control/Personal protective Equipment

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Pink powder, odourless
Flash point (°C)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to an)' dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK . Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

8.Exposure Control/Personal protective Equipment

15. Regulatory Information

EC Supply Labelling None required by directive 88/379/EEC, and subsequent amendments.

R-Phrases	None required
S-Phrases	Optional safety phrases; S 13 Keep away from food, drink and animal feeding stuffs S20/21 When using do not eat, drink or smoke S24 Avoid contact with skin. S38 In case of insufficient ventilation wear suitable respiratory equipment

UK Occupational exposure limits*	Mg/rn^3 **8** hr TWA	% in product
Dusts: Total inhalable	10	
Respirable	4	

* Refer to HSE Guidance note EH4O

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH) and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH4O:	HSE Guidance note EH4O on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

8.Exposure Control/Personal protective Equipment

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B156 Amber**
Chemical name	Chrome buff rutile
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment brown 24	68186-90-3	100

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Orange powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	None known

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	S28 After contact with skin, wash immediately with plenty of soap and water.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Antimony compounds	0.5	10.0
Chromium compounds	0.5	2.0

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

W. G. BALL LTD.

Directors:
J. Ball
B.Procter

MANUFACTURERS OF
CERAMIC COLOURS AND GLAZES
OXIDES FOR VITREOUS ENAMELS
ENAMELS FOR COPPER, ETC.

Anchor Road,
Longton,
Stoke-on-Trent,
ST3 1JW

Telephone: Stoke-on-Trent
(01782) 313956 & 312286
Fax: (01780) 598148

E-Mail:
sales@wgball.com

SAFETY DATA SHEET

2018

1. Identification of Preparation

Trade Name	:	B.159..Brick Red
Chemical Name	:	Sphene chrome/tin.
Supplier	:	W. G. Ball Limited

2. Composition

	C.A.S. No.	% of Composition
C.I.Pigment Red 233.	68187-12-2*	88.00
Borosilicate Flux.	65997-17-3.	12.00

3. Health Hazards

Inhalation	:	Excessive exposure may cause symptons of chronic lung disease.
Ingestion	:	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	:	May cause physical irritation and inflammation.
Skin	:	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	:	Remove patient to fresh air, loosen clothing & seek medical attention.
Ingestion	:	Do not induce vomiting seek medical advice.
Eyes	:	Wash immediately with copious amounts of water.
Skin	:	Wash affected areas with water.

5. Fire Fighting Measures

Extinguishing Media	:	Suitable for surrounding fire conditions.
Special Exposure Hazard	:	In the event of fire, the product may emit harmful or toxic fumes.
Personal Protective Equipment	:	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks and Spills	:	Use suitable vacuum equipment where practicable, otherwise damp down and scoop into a container.
Personal Protective Equipment	:	Respiratory protective equipment.

7. Handling and Storage

Handling	:	Do not eat, drink or smoke in areas where the material is used. Wash thoroughly after handling.
Storage	:	Store in a dry area.

8. Exposure Controls/Personal Protective Equipment

Engineering Controls	:	Adequate ventilation should be provided so that occupational exposure limits are not exceeded. Local exhaust ventilation is normally recommended.
Personal Protective Equipment	:	Where L.E.V. is not practicable and exposure is not practicable and exposure is likely to be excessive, approved respiratory protection conforming to CEN Standards pr EN 140, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical Properties

Appearance & Odour	:	Pink,odourless powder.
Flash Point	:	N.A.
Flammability	:	Does not support combustion.
Explosive Properties	:	Non explosive.
Oxidising Properties	:	None.
Specific Gravity	:	N.A.
Solubility	:	Insoluble.
Melting Point	:	N.A.

10. Stability and Reactivity

Chemical Stability	:	The material is stable.
Conditions/Materials to Avoid	:	None known.
Hazardous Decomposition Products	:	None known.
Hazardous Polymerization Products	:	None.

11. Toxicological Information

Likely to be of low toxicity.

12. Ecological Information

Ecotoxicity	:	Not known.
Persistence	:	Not known.

13. Disposal

Dispose of in accordance with current waste disposal regulations (for U.K. - Control of Pollution [Special Waste] Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

U.N./S.I. No.	:	Not classified.
U.N. Class	:	Not classified.
Packing Group	:	Not classified.
Road:- U.K.	:	Not classified.
A.D.R.	:	Not classified.
Sea:- I.M.O.	:	Not classified.
Air:- I.C.A.O.	:	Not classified.

15. Regulatory Information

E.C. Supply Labelling: Non hazardous.

R-Phrases	:	None.
S-Phrases	:	Optional for dusty powders. Err:520

U. K. Occupational Exposure Limits:	mg/m3 8 hr TWA.	% in product.
Dusts -total inhalable	10.00	---
Dust - total respirable	4.00	---

16. Other Information

Bath Potters' Supplies
MATERIAL SAFETY DATA SHEET

I. Identification of the preparation/Supplier reference

	B160 Sepia
Trade Name	Iron Chromite Brown spinel
Chemical name	None known
Synonyms	Bath Potters' Supplies, Unit 18, 4th Ave,Westfield
Supplier	Trad Est, Radstock, BA3 4XE
Emergency numbers	Tel: 01761 411 077
	E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
C.I.Pigment Brown 35	68187-09-7		100%

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting. If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Wash affected areas with soap and water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques wily are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH4O - latest edition)
Storage	Store in dry area

8. Exposure Control/Personal protective equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Dark brown powder, odourless
Flash point (°C)	Not applicable
Flammability	inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerization products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological Information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK .Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory Information

EC Supply Labelling	Harmful X,
R-Phrases	R20/22 Harmful by inhalation and if swallowed.
	R33 Danger of cumulative effects.
S-Phrases	SI 3 Keep away from food, drink and animal feeding stuffs
	S20/21 When using do not eat, drink or smoke
	528 After contact with skin, wash immediately with plenty of soap and water.
	S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Chromium Compounds	0.5	30%

* Refer to HSE Guidance note E1140

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH4O:	HSE Guidance note EH4O on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**B161 Underglaze Grey**
Chemical name	Cobalt / Vanadium grey.
Synonyms	None
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency number	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS EINECS	% of composition
C.I.Pigment Black 23	68187-54-2	11%
C.I.Pigment Blue 71	68186-87-8	12%
Borosilicate Flux	65997-18-4	38%

---

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease.
Ingestion	The product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes	May cause physical irritation and inflammation.
Skin	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation. Some cobalt compounds have been known to produce dermatitis and sensitisation

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion	Do not induce vomiting, If the patient is conscious rinse mouth with copious amounts of water and seek medical advice.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets pying particular attention to under eyelid. Seek medical attention is irritation persist.
Skin	Wash affected areas with water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard	In the event of a fire, the product may emit harmful or toxic fumes.
Protective equipment	Self contained breathing apparatus.

---

6. Accidental Release Measures

Leaks & Spills	Remove any dry materials either by a vacuum cleaner fitted with an efficient filter or by wet sweeping to avoid dust. Store collected waste in a suitable container before disposal.
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material Local exhaust ventilation is recommended to comply with

	occupational exposure limits (refer to Guidance Note EH40 – latest edition)
Storage	Store in dry area.

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards pr EN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Grey powder, odourless
Flash point (ºC)	Not applicable
Flammability	Inflammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Not applicable
Solubility	Insoluble
Melting point (ºC)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	Likely to be of low toxicity.
Health effects	Prolonged or repeated exposure to any dust, above Occupational Exposure Standards, may cause fibrosis of the lungs.

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful $\mathbf{X_n}$
R-Phrases	R20/22 Harmful by inhalation and if swallowed. R33 Danger of cumulative effects.
S-Phrases	S13 Keep away from food, drink and animal feed stuffs. S20/21 When using do not eat, drink or smoke. S28 Avoid contact with skin, wash immediately with plenty of soap and water. S38 In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposure limits*	Mg/m^3 8 hr TWA	% in product
Cobalt compounds (as Co)	0.10	2.2

* refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

---

16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

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25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and of the company / undertaking

1.1 Identification of the substance or preparation

Trade name **B 185. UNDERGLAZE COLOUR CORAL**
Synonyms None
Variant 00011

1..2 **Company / undertaking identification**

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

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2 **Composition / information on ingredients**

2.2 Composition / information (preparation)

2.2.1 Composition

CAS—No.	Common name
102184-95-2	ZrSi04 ,cadmium pigment included
65997-17-3	Glass, Oxide
14-808-60-7	Quartz
10101-52-7	Zirconium silicate
1332-58-7	Kaolin

2.2.2 Hazardous ingredients (theoretical 1>' calculated)

Weight %	CAS—No.	Common name Symbol R-Sentence
3,0— 7,0	7439—921	Lead in compounds and Frits T 61-20/22-33
0,0< 1,0	7440—43—9	Cadmium(compounds) Xn 20/21/22

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3. **Hazards identification**

Harmful by inhalation, in contact with skin and if swallowed
Danger of cumulative effects.
May cause harm to unborn child.

---

4. **First aid measures**

4.1 General remarks

In case of poisoning, refer to sections 2.1.2 or 2.2.2 for information on hazardous ingredients. -
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). -

4.2 Inhalation

Bring affected persons out of danger area. Keep warm in a comfortable position and cover with blanket. -

4.3 Skin contact

With continuous skin irritation, consult doctor.

4.4 Eye contact

Rinse thoroughly immediately for at least 5 minutes keeping eyelid open.

4.5 Ingestition :

Have patient rinse out mouth with water. Supply with medical care.

4- .6 Instructions for physician

Therapy (treatment and/or prevention) to be given in accordance with the content of low-toxicity substances (see 2.1.2 or 2.2.2).

5. Fire-fighting measures

5.1 Suitable extinguishing media :
All quenching agents suitable.

5.2 Extinguishing media which must not be used for- safety reasons

5.3 Special exposure hazards arising from the substances or preparation itself, combustion products, resulting gases :
Do not inhale explosive gases or smoke fumes

5.4- Special protective equipment for firefighters :
Usual measures for chemical fires.

6 Accidental release measures

6.1 Personal precautions
Do not breath dust.
Keep persons at a distance and stay on the weather side.

6.2 Environmental precautions

Dispose of a waste requiring special control in accordance
with the legal regulations issued by the appropriate local and national authorities. S

6.3 Methods of cleaning up
Absorb mechanically and collect in a suitable container.

6.4 Further information
Avoid formation of dust.
In case of accident or if you feel unwell, seek, medical advice immediately (show the label where possible).

7. Handling and storage

7.1 Handling
The product should only handled by trained personnel
Avoid formation of dust; suction off objects if necessary.
Keep out of reach of children.
Do not breathe dust.
Avoid exposure - obtain special instructions before use.
Details for lead compounds:
The product should only be handled by trained personnel.
Details- for cadmium compounds:
The product should only be handled by trained personnel.

7.2 Storage :
Keep container dry and tightly sealed - even empties.
Store under lock and key or only allow access to technical experts
or persons under their authority.
The product is slightly waterdangering.

-

8. Exposure controls / personals protection

8.1 Additional instructions for technical installation. When processing the product, the air in the workplace should~ be regularly monitored and employees exposed to the product should be given a regular medical check-up.

8 2 Ingredients with threshold limit values

Specific information referring to lead:
In accordance with current information a risk of embryonic S damage is likely, in pregnant
women. Damage cannot be excluded
even when the special limit values of TLV tolerance value are. Observed.
Cadmium compounds specific information (United Kingdom) Maximum Exposure Limit (MEL): .0.05 mg/m3 8—hour

TWA (long-term) – For the purposes of industrial medical surveillance, the value of 15 micrograms/1 in whole blood or urine is recommended in Germany as a maximum value.

Values of maximum admissible concentration, from 1994 (MAK)

ml/m3	0,1000 mg/m3 refer to Lead in compounds and Frits
ml/m3	4,0000 mg/rn3 refer to Silicon dioxide
ml/m3	5,0000 mg/rn3 refer to zirconium

Values of maximum admissible concentration, from -1993 (TRK)

ml/m3-	mg/m3 refer to Cadmium (compounds)

8.3 Personal protection

8.3.1 General protection
Wash face/hands before break and at end of work.
Avoid exposure - obtain special instructions before use.

8.3.2 Respiratory protection:
If maximum admissible concentration value at the workplace is exceeded, apply ref. to BS 2091 Dust B.

8.3.3 Eye protection :-.
The usual precautionary measures for dealing with chemical should be observed.

8.3.4 Skin protection
no particular protective equipment required, if no further advices are following.

8.3.5 Hand protection
No particular protective equipment required, if no further advices are following.

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9. **Physical and chemical properties**
9.1 Appearance:
9.1.1 Physical state: Solid
9.1.2 Colour: RED
9.1.3 Odour: Non applicable

9.2 Data relevant to safety
9.3 Other data

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10. **Stability and reactivity**

I0.1 Conditions to avoid
No dangerous reactions are known to occur with correct handling and storage.

10.2 Materials to avoid
(If applicable, information referring to individual components of the product is given below)

10.3 Hazardous decomposition products:
(If applicable, information referring to individual components of the product is given below)
10.4 Further information

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11. **Toxicological information**

11.1 Immediate effects, Data for substance
(or effects of certain components in preparations):
Specific information for this product is not available
(if applicable, information for components is given ,below)
11.2 Chronic effects from short and long-time exposure
Specific information for this product is not available
(if applicable, information for components is given below).
Danger of cumulative effects.

May cause harm to unborn child.

11.3 Human

To date handling this product has not been known to cause any detrimental effects.

11.4- Further ‘information

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12. **Ecological information**

12.1 Data for elimination (persistence and degradability) Mechanically separable in water treatment plants.

12.2 Behavior- in environmental compartments
Slightly waterdangering. Do not allow run off to enter- storm drains.

12.3 Ecological effects
Product not investigated.

12.4 Further information

---

13. **Disposal considerations**
Look for Community provisions relating to waste. National or regional provisions may be in force.

13.1 Product (substance or preparation)
Surface waste site for specially controlled waste or
mono waste site.
Waste name Glass or ceramic waste with harmful contaminations.

13.2 Uncleaned contaminated packaging
Waste No. 18715 refer to Germany.
Waste ‘name Packing material with harmful contaminations or
-. residues, mainly anorganic.

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14. **Transport information**
Dangerous goods regulations
RID/ADR/IMDG-Code/ICAO--TI.

14.1 Land transport ADR / RID (interstate / intrastate)
Not restricted.

14.2 Inland navigation ADN
For inland navigation consultation necessary !

14.3 Sea, transport IMDG
Not restricted.

14.4 Air transport ICAO—TI and IATA—DGR
Not restricted.

14 .5 Transport / further instructions
Water endangering class (Germany) 1
RQ (Reportable quantity - USA)

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15. **Regulatory information**

15.1 Information on the label according to the Directives of EEC

15.1.1 Symbol(s) and indication(s) of danger:
T Toxic

15.1.2 Hazardous ingredient(s) for labelling, containing:
Cadmium (compounds)
Lead in compounds and frits

15.1.3 R phrases:

- 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
  33 Danger of cumulative effects.
  61- May cause harm to unborn child.

15.1.4 S phrases:

2	Keep out of r-each of children.
22	Do not breathe dust.
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid exposure —
obtain special instruction~ before use

15 .2 Any other national measures that may be relevant (ref.. Annex II Directive 88/379/EEC)
The safety data sheet is produced considering new directives of EEC. Missing or differing labelling may occur during transitional stage until all countries take over these -regulations in their national jurisdiction.
Lead-containing preparation:
"Containing lead. Do not use for painting articles which can be chewed or sucked by children."
Information vii th regard to cadmium and its compounds:
In the opinion of the German commission (TRGS 500), the substances have been proved to be carcinogenic in the form of respirable dusts/ aerosols (biologically available) and were classified in section III A2

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ló. **Other information**

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and of the company / undertaking

1.1 Identification of the substance or preparation

Trade name **B 186 UNDERGLAZE COLOUR MANDARIN**
Synonyms None
Variant 0001

1..2 **Company / undertaking identification**

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

---

2 **Composition / information on ingredients**

2.2 Composition / information (preparation)

2.2.1 Composition

CAS—No.	Common name
102184-95-2	ZrSi04 ,cadmium pigment included
65997-18-4	Frits Chemicals
14-808-60-7	Quartz

2.2.2 Hazardous ingredients (theoretical 1>' calculated)

Weight %	CAS—No.	Common name Symbol R-Sentence
5,0— 10,0	7439-92-1	Lead in compounds and Frits T 61-20/22-33
0,0< 1,0	7440-43-9	Cadmium(compounds) Xn 20/21/22

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3. **Hazards identification**

Harmful by inhalation, in contact with skin and if swallowed
Danger of cumulative effects.
May cause harm to unborn child.

---

4. **First aid measures**

4.1 General remarks

In case of poisoning, refer to sections 2.1.2 or 2.2.2 for information on hazardous ingredients. -
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). -

4.2 Inhalation

Bring affected persons out of danger area. Keep warm in a comfortable position and cover with blanket. -

4.3 Skin contact

With continuous skin irritation, consult doctor.

4.4 Eye contact

Rinse thoroughly immediately for at least 5 minutes keeping eyelid open.

4.5 Ingestition

Have patient rinse out mouth with water. Supply with medical care.

4- .6 Instructions for physician

Therapy (treatment and/or prevention) to be given in accordance with the content of low—toxicity substances (see 2.1.2 or 2.2.2).

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5. **Fire-fighting measures**

5.1 Suitable extinguishing media :
All quenching agents suitable.

5.2 Extinguishing media which must not be used for- safety reasons

5.3 Special exposure hazards arising from the substances or preparation itself, combustion products, resulting gases :
Do not inhale explosive gases or smoke fumes

5.4- Special protective equipment for firefighters :
Usual measures for chemical fires.

---

6 **Accidental release measures**

6.1 Personal precautions
Do not breath dust.
Keep persons at a distance and stay on the weather side.

6.2 Environmental precautions

Dispose of a waste requiring special control in accordance
with the legal regulations issued by the appropriate local and national authorities.

6.3 Methods of cleaning up
Absorb mechanically and collect in a suitable container.

6.4 Further information
Avoid formation of dust.
In case of accident or if you feel -unwell, seek, medical advice immediately (show the label where possible.

---

7. **Handling and storage**

7.1 Handling
The product should only handled by trained personnel -
Avoid formation of dust; suction off objects if necessary.
Keep out of reach of children.
Do not breathe dust.
Avoid exposure — obtain special instructions before use.
Details for lead compounds:
The product should only be handled by trained personnel.
Details- for cadmium compounds:
The product should only be handled by trained personnel.

7.2 Storage
Keep container dry and tightly sealed - even empties.
Store under lock and key or only allow access to technical experts
or persons under their authority. S
The product is slightly waterdangering.

-

8. **Exposure controls / personals protection**

8.1 Additional instructions for technical installation. When processing the product, the air in the workplace should~ be regularly monitored and employees exposed to the product should be given a regular medical check—up.

8 2 Ingredients with threshold limit values

Specific information referring to lead:
In accordance with current information a risk of embryonic S damage is likely, in pregnant
women. Damage cannot be excluded
even when the special limit values of TLV tolerance value are. Observed.
Cadmium compounds - specific information (United Kingdom) Maximum Exposure Limit (MEL): .0.05 mg/m3 8—hour TWA (long— term) – For the purposes of industrial medical surveillance, the value of 15 micrograms/1 in whole blood or urine is

recommended in Germany as a maximum value.

Values of maximum admissible concentration, from 1994- :MAK)

ml/m3	0,1000 mg/m3 refer to Lead in compounds and Frits
ml/m3	4,0000 mg/rn3 refer to Silicon dioxide
ml/m3	5,0000 mg/rn3 refer to zirconium

Values of maximum admissible concentration, from -1993 TRI<)

ml/m3-	mg/m3 refer to Cadmium (compounds)

8.3 Personal protection

8.3.1 General protection
Wash face/hands before break, and at end of work.
Avoid exposure - obtain special instructions before use.

8.3.2 Respiratory protection:
If maximum admissible concentration value at the workplace is exceeded, apply ref. to BS 2091 Dust:B.

8.3.3 Eye protection
The usual precautionary measures for dealing with chemical should be observed.

8.3.4 Skin protection
no particular protective equipment required, if no further advices are following.

8.3.5 Hand protection
No particular protective equipment required, if no further advices are following.

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9. **Physical and chemical properties**
9.1 Appearance
9.1.1 Physical state: Solid
9.1.2 Colour: YELLOW
9.1.3 Odour : Non applicable
9.2 Data relevant to safety
9.3 Other data

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10. **Stability and reactivity**

I0.1 Conditions to avoid
No dangerous reactions are known to occur with correct handling and storage.

10.2 Materials to avoid
(If applicable, information referring to individual components of the product is given below) -

10.3 Hazardous decomposition products:
(If applicable, information referring to individual components of the product is given below) -
10.4 Further information

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11. **Toxicological information**

11.1 Immediate effects, Data for substance
(or effects of certain components in preparations):

Specific information for this product is not available
(if applicable, information for components is given ,below)
11.2 Chronic effects from short— and long—time exposure:
Specific information for this product is not available
(if applicable, information for components is given below).
Danger of cumulative effects.
May cause harm to unborn child.

11.3 Human
To date handling this product has not been known to cause any detrimental effects.

11.4- Further ‘information

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12. **Ecological information**

12.1 Data for elimination (persistence and degradability) Mechanically separable in water treatment plants.

12.2 Behavior in environmental compartments
Slightly waterdangering. Do not allow run off to enter- storm drains.

12.3 Ecological effects
Product not investigated.

12.4 Further information

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13. **Disposal considerations**
Look for Community provisions relating to waste. National or regional provisions may be in force.

13.1 Product (substance or preparation)
Surface waste site for specially controlled waste or
mono waste site.
Waste No. 31433
Waste name Glass or ceramic waste with harmful -contaminations.

13.2 Uncleaned contaminated packaging
Waste No. 18715
Waste name Packing material with harmful contaminations or residues, mainly anorganic.

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14. **Transport information**
Dangerous goods regulations
RID/ADR/IMDG-Code/ICAO--TI.

14.1 Land transport ADR / RID (interstate / intrastate)
Not restricted.

14.2 Inland navigation ADN
For inland navigation consultation necessary !

14.3 Sea, transport IMDG’
Not restricted.

14.4 Air transport ICAO—TI and IATA—DGR
Not restricted.

14 .5 Transport / further instructions
Water endangering class (Germany) 1
RQ (Reportable (quantity— USA)

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15. **Regulatory information**

15.1 Information on the label according to the Directives of EEC

15.1.1 Symbol(s) and indication(s) of danger:
T Toxic

15.1.2 Hazardous ingredient(s) for labelling, containing:
Cadmium (compounds;

Lead in compounds and frits

15.1.3 R—phrases:

20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
33	Danger of cumulative effects.
61-	May cause harm to unborn child.

15.1.4 S-phrases:

2	Keep out of reach of children.
22	Do not breathe dust.
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) Avoid exposure — obtain special instruction before use

15 .2 Any other national measures that may be relevant (ref. Annex II Directive 88/379/EEC)
The safety data sheet is produced considering new directives of EEC.
Missing or differing labelling may occur during transitional stage until all countries take over these regulations in their national jurisdiction.
Lead—containing preparation:
"Containing lead. Do not use for painting articles which can be chewed or sucked by children."
Information vii th regard to cadmium and its compounds:
In the opinion of the German commission (TRGS 500), the substances have been proved to be carcinogenic in the form of respirable dusts/aerosols (biologically available) and were classified in section III A2.

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ló. **Other information**

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and of the company / undertaking

1.1 Identification of the substance or preparation

Trade name **B 187. UNDERGLAZE COLOUR ROSSO RED**
Synonyms None
Variant 00011

1..2 **Company / undertaking identification**

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

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2 **Composition / information on ingredients**

2.2 Composition / information (preparation)

2.2.1 Composition

CAS-No.	Common name
102184-95-2	ZrSi04 ,cadmium pigment included
65997-17-3	Glass, Oxide
14808-60-7	Quartz
12251-27-3	Nepheline Syenite
1332-58-7	Kaolin

2.2.2 Hazardous ingredients (theoretical 1>' calculated)

Weight %	CAS—No.	Common name Symbol R-Sentence
5,0— 10,0	7439—921	Lead in compounds and Frits T 61-20/22-33
0,0< 1,0	7440—43—9	Cadmium(compounds) Xn 20/21/22

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3. **Hazards identification**

Harmful by inhalation, in contact with skin and if swallowed
Danger of cumulative effects.
May cause harm to unborn child.

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4. **First aid measures**

4.1 General remarks
In case of poisoning, refer to sections 2.1.2 or 2.2.2 for information on hazardous ingredients. -
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). -

4.2 Inhalation
Bring affected persons out of danger area. Keep warm in a comfortable position and cover with blanket. -

4.3 Skin contact
With continuous skin irritation, consult doctor.

4.4 Eye contact
Rinse thoroughly immediately for at least 5 minutes keeping eyelid open.

4.5 Ingestition
Have patient rinse out mouth with water. Supply with medical care.

4- .6 Instructions for physician

Therapy (treatment and/or prevention) to be given in accordance with the content of low-toxicity substances (see 2.1.2 or 2.2.2).

5. Fire-fighting measures

5.1 Suitable extinguishing media :
All quenching agents suitable.

5.2 Extinguishing media which must not be used for safety reasons

5.3 Special exposure hazards arising from the substances or preparation itself, combustion products, resulting gases :
Do not inhale explosive gases or smoke fumes

5.4- Special protective equipment for firefighters :
Usual measures for chemical fires.

6 Accidental release measures

6.1 Personal precautions
Do not breath dust.
Keep persons at a distance and stay on the weather side.

6.2 Environmental precautions

Dispose of a waste requiring special control in accordance
with the legal regulations issued by the appropriate local and national authorities. S

6.3 Methods of cleaning up
Absorb mechanically and collect in a suitable container.

6.4 Further information
Avoid formation of dust.
In case of accident or if you feel unwell, seek, medical advice immediately (show the label where possible).

7. Handling and storage

7.1 Handling
The product should only handled by trained personnel
Avoid formation of dust; suction off objects if necessary.
Keep out of reach of children.
Do not breathe dust.
Avoid exposure - obtain special instructions before use.
Details for lead compounds:
The product should only be handled by trained personnel.
Details- for cadmium compounds:
The product should only be handled by trained personnel.

7.2 Storage :
Keep container dry and tightly sealed - even empties.
Store under lock and key or only allow access to technical experts
or persons under their authority.
The product is slightly waterdangering.

-

8. Exposure controls / personals protection

8.1 Additional instructions for technical installation. When processing the product, the air in the workplace should be regularly monitored and employees exposed to the product should be given a regular medical check-up.

8 2 Ingredients with threshold limit values

Specific information referring to lead:
In accordance with current information a risk of embryonic S damage is likely, in pregnant
women. Damage cannot be excluded
even when the special limit values of TLV tolerance value are. Observed.
Cadmium compounds specific information (United Kingdom) Maximum Exposure Limit (MEL): .0.05 mg/m3 8-hour TWA (long-term) – For the purposes of industrial medical surveillance, the value of 15 micrograms/1 in whole blood or

urine is recommended in Germany as a maximum value.

Values of maximum admissible concentration, from 1994 (MAK)

ml/m3	0,1000 mg/m3 refer to Lead in compounds and Frits
ml/m3	4,0000 mg/rn3 refer to Silicon dioxide
ml/m3	5,0000 mg/rn3 refer to zirconium

Values of maximum admissible concentration, from -1993 (TRK)

ml/m3	mg/m3 refer to Cadmium (compounds)

8.3 Personal protection

8.3.1 General protection
Wash face/hands before break and at end of work.
Avoid exposure - obtain special instructions before use.

8.3.2 Respiratory protection:
If maximum admissible concentration value at the workplace is exceeded, apply ref. to BS 2091 Dust: B.

8.3.3 Eye protection
The usual precautionary measures for dealing with chemical should be observed.

8.3.4 Skin protection
no particular protective equipment required, if no further advices are following.

8.3.5 Hand protection
No particular protective equipment required, if no further advices are following.

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9. Physical and chemical properties

9.1 Appearance:
9.1.1 Physical state: Solid
9.1.2 Colour: RED
9.1.3 Odour: Non applicable

9.2 Data relevant to safety
9.3 Other data

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10. Stability and reactivity

I0.1 Conditions to avoid
No dangerous reactions are known to occur with correct handling and storage.

10.2 Materials to avoid
(If applicable, information referring to individual components of the product is given below)

10.3 Hazardous decomposition products:
(If applicable, information referring to individual components of the product is given below)
10.4 Further information

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11. Toxicological information

11.1 Immediate effects, Data for substance
(or effects of certain components in preparations):
Specific information for this product is not available
(if applicable, information for components is given ,below)
11.2 Chronic effects from short and long-time exposure
Specific information for this product is not available
(if applicable, information for components is given below).
Danger of cumulative effects.
May cause harm to unborn child.

11.3 Human
To date handling this product has not been known to cause any detrimental effects.

11.4- Further ‘information

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12. **Ecological information**

12.1 Data for elimination (persistence and degradability) Mechanically separable in water treatment plants.

12.2 Behavior- in environmental compartments
Slightly waterdangering. Do not allow run off to enter- storm drains.

12.3 Ecological effects
Product not investigated.

12.4 Further information

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13. **Disposal considerations**
Look for Community provisions relating to waste. National or regional provisions may be in force.

13.1 Product (substance or preparation)
Surface waste site for specially controlled waste or
mono waste site.
Waste name Glass or ceramic waste with harmful contaminations.

13.2 Uncleaned contaminated packaging
Waste No. 18715 refer to Germany.
Waste ‘name Packing material with harmful contaminations or
residues, mainly anorganic.

---

14. **Transport information**
Dangerous goods regulations
RID/ADR/IMDG-Code/ICAO--TI.

14.1 Land transport ADR / RID (interstate / intrastate)
Not restricted.

14.2 Inland navigation ADN
For inland navigation consultation necessary !

14.3 Sea, transport IMDG
Not restricted.

14.4 Air transport ICAO—TI and IATA—DGR
Not restricted.

14 .5 Transport / further instructions
Water endangering class (Germany) 1
RQ (Reportable quantity - USA)

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15. **Regulatory information**

15.1 Information on the label according to the Directives of EEC

15.1.1 Symbol(s) and indication(s) of danger:
T Toxic

15.1.2 Hazardous ingredient(s) for labelling, containing:
Cadmium (compounds)
Lead in compounds and frits

15.1.3 R phrases:

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

33 Danger of cumulative effects.

61- May cause harm to unborn child.

15.1.4 S phrases:

2	Keep out of r-each of children.
22	Do not breathe dust.
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid exposure —
obtain special instruction~ before use

15 .2 Any other national measures that may be relevant (ref.. Annex II Directive 88/379/EEC)

The safety data sheet is produced considering new directives of EEC. Missing or differing labelling may occur during transitional stage until all countries take over these -regulations in their national jurisdiction.

Lead-containing preparation:

"Containing lead. Do not use for painting articles which can be chewed or sucked by children."

Information vii th regard to cadmium and its compounds:

In the opinion of the German commission (TRGS 500), the substances have been proved to be carcinogenic in the form of respirable dusts/ aerosols (biologically available) and were classified in section III A2

---

ló. **Other information**

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

25.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name	**Blythe Strong Red Underglaze**
Chemical name	None
Synonyms	13p6O4O u/g red
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

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2. Composition

Component	CAS	EINECS	% of composition

The product is a mixture of ceramic colour, glass fits, and minerals,
The ceramic colour is cadmium inclusion colour, with a small % of cadmium pigment coated in zircon.
Some of the glass frits contain Lead.
The dominant hazard of the overall product is Lead, the product contains 6% Pb.

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3. Health Hazard Identification

Inhalation		Excessive exposure may cause damage to the lungs and kidneys, chronic lung disease and lead poisoning.
Ingestion		The product is partially soluble in body fluids but is likely to be of low acute toxicity.
Eyes		May cause physical irritation and inflammation.
Skin	:	The material is not a primary irritant but, as with any abrasive powder, it may give rise to minor irritation.

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4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical advice if irritation persists.
Ingestion	Do not induce vomiting, rinse mouth with water (provided patient is conscious). Seek medical advice if irritation persists, or if ingestion was particularly large.
Eyes	Irrigate immediately with copious amounts of water for 15 minuets, paying particular attention to under the eyelid. Seek medical attention if irritation persists.
Skin	Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek medical attention

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5. Fire Fighting Measures

Extinguishing media	Suitable for surrounding fire conditions.
Special exposure hazard	In the event of fire, the product may emit harmful or toxic fumes.
Personal protective equipment	Self-contained breathing apparatus.

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6. Accidental Release Measures

Leaks & Spills	Remove dry materials either by a vacuum cleaner fitted with an efficient particulate filter or by damping down and scooping in to a receptacle. Small spillages may be washed into drains with plenty of water (provided effluent consent conditions are complied with).
Protective equipment	Respiratory protective equipment.

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7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Store in a sealed container in normal dry conditions away from foodstuffs.

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where necessary suitable personal protection should be used, (e.g. overalls, gloves, mask)

9. Physical & Chemical properties

Appearance & Odour	pink powder, odourless.
Flash point (ºC)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	3 – 5
pH value	7 (insoluble in water)
Melting point (ºC)	Not available.

10. Stability & Reactivity

Chemical stability	The material is stable.
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	LD_{50} Oral	Not known
	LD_{50} Dermal	Not known
	LD_{50} Inhalation	Not known

Health effects

Prolonged or repeated exposure above Occupational Exposure Limits may cause lung or kidney damage, fibrosis of the lungs and accumulation of lead in the body. In serious cases this may cause anaemia and damage to the kidneys, central nervous system and impair reproductive fertility. Lead in the blood of pregnant women may affect the development of the unborn child. Persons exposed to lead compounds should have regular health checks which should include lead in blood monitoring.

12. Ecological information

Ecotoxicity	Not known.
Persistence	The product is chemically stable and will persist in the environment.

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not restricted
UN Class		Not restricted
Packing group		Not restricted
Road	UK	Not restricted
	ADR	Not restricted
Sea	IMO	Not restricted
Air	ICAO	Not restricted

15. Regulatory information

EC Supply Labelling

TOXIC T
Contains lead compounds.

R-Phrases

R20/22 Harmful by inhalation and if swallowed.
R33 Danger of cumulative effects.
R61 May cause harm to unborn child.
R62 Possible risk of impaired fertility.

S-Phrases

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53 Avoid exposure - Obtain special instructions before use.

UK Occupational exposures limits*	Mg/m^3 8 hr TWA	% in product
Lead compounds (as Pb)	0.15	6

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. Other information

References:

ADR	European agreement concerning international transport of dangerous goods by road (Accord european relatif au transport international des marchandises Dangereuses par Route).
GAS	International reference numbers tar chemical substances (Chemical Abstracts Service).
CLAW	Control of Lead at Work regulations 1998, and later revisions.
CHIP	Chemicals (Hazard Information and Packaging) regulations 1993. and later revisions.
CHIP SDS ACOP	H.S.C. Approved Code Of Practice for Safety Data Sheets in accordance with regulation 6 01 the CHIP regulations.
GOSHH ACOP	H.S.C. Approved Code Of Practice for the Control Of Substances Hazardous to Health regulations 1988, and later revisions.
EINECS	European INventory 01 Existing commercial Chemical Substances.
HSE EH4O	H.S.E. Guidance note EH4O on Occupational Exposure Limits (revised annually), to be used in conjunction with the COSHH regulations.
HSWA	Health and Safety at Work Act 1974.
ICAO	International Civil Aviation Organisation.
IMO	International Maritime Organisation.
LC5O	Concentration which is lethal by inhalation to 50% of a defined population (eg: rats) within a specified time.
LD5O	Dose which is lethal orally or dermally to 50% of a defined population (eg: rats) within a specified time.

UN	United Nations.				
Design	:	CHLP-002	Date Created	:	12.12.96
Issue No.	:	8	Revisions	:	Sections 1, *7,* 11, *15-16*

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

Issue date: 25.08.21