

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET (cosh21)

1. Identification of the preparation/Supplier reference

Trade Name

P0018 Black
P0136 Antique Bronze
P0137 Fool's Gold

Chemical name Mixture of chemicals
Synonyms None
Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
Fax: 01761 414115
Internet: coshh@bathpotters.demon.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Nickel oxides	1313-99-1	215257	refer to end table
Lead frit	65997-18-4	2660476	refer to end table

3. Health Hazard Identification

Inhalation Excessive exposure may cause symptoms of chronic lung disease and lead poisoning
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 people may become allergic to nickel compounds and develop long lasting sensitivity

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
Skin Wash affected areas with water

5. Fire Fighting Measures

Extinguishing Media That suitable for the surrounding fire conditions
Special Exposure hazard In the event of fire the product may emit harmful or toxic fumes
Personal protective Self contained breathing apparatus

equipment

6. Accidental Release Measures

Leaks & Spills	Use suitable vacuum equipment where reasonable practicable. Otherwise damp down and scoop into a receptacle
Personal 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
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 prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Dark grey fluid, odourless
Flash point (°C)	N/a
Flammability	N/a
Explosive properties	Non explosive
Oxidising properties	None
Specific gravity	3-5
pH value	7 (insoluble in water)
Melting point (°C)	N/a

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	LD50 Oral	>2000mg/kg
	LD50 dermal	not known
	LD50 inhalation	not known
Health effects	Prolonged or repeated exposure above Occupational Exposure Standards may cause chronic lung damage and also cause lead to accumulate in the	

body.
 In serious cases this may cause anaemia and damage to the kidneys and central nervous system
 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
 Nickel monoxide is classified as a category 1 carcinogen, because there is enough evidence to link it to cancer in humans, but only by the inhalation route

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	Toxic		
R-Phrases	R20/22	Harmful by inhalation and if swallowed	
	R33	Danger of cumulative effects	
	R43	May cause sensitisation by skin contact	
	R49	may cause cancer by inhalation	
	R61	May cause harm to the unborn child	
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 breathe dust	
	S45	In case of accident or if you feel unwell, seek medical advice immediately. (Show label where possible)	
	S53	avoid exposure - obtain special instructions before use	
UK Occupational exposures limits*	Mg/m ³	8 hr TWA	% in product
Lead compound (as Pb)	0.15		refer to section 2
Nickel compounds (as Ni) inorganic, insoluble	0.50		refer to section 2

* refer to HSE Guidance note EH40. All products containing lead compounds are subject to the control of lead at work regulations 1980, via the HSC approved code of practice 1985

In accordance with HSE 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

COSHH ACOP	HSC 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 ACOPS	HSC 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 COSH regulations

Summary per product

Ref	%Ni	%Pb
P0018	0.4	17
P0136	0.8	38
P0137	0.9	38

The thresholds for toxic classification under chips are 0.1% Ni and 0.5% Pb

Footnote

LIABILITY

Such information is the best of Bath Potters Supplies knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

THIRD PARTY MATERIALS

Insofar as materials not manufactured or supplied by Bath Potters Supplies are used in conjunction with, or instead of Bath Potters Supplies materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Bath Potters Supplies materials in conjunctions with other materials.

17. National Legislation

UK Legislation

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993
Environmental Protection (Duty of Care) regulations 1992 SI 2839
Carriage of Dangerous goods by Road and Rail Regulations 1994
Control of pollution Act 1974
Environmental Protection Act 1990
Highly Flammable Liquids and Petroleum Spirit Regulations 1972
EH40 Occupational Exposure Limits
SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

Important notes

Design CHIP-002

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.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

09 July 2002