

SAFETY DATA SHEET
P4303 Cobalt Blue Prepared On-glaze Colour

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Cobalt Blue Prepared On-glaze.
Product number P4303

1.2. Relevant identified uses of the substance or mixture and uses advised against

Hand painting ceramic decorating colour.

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.,
Campbell Road,
Stoke-on-Trent,
Staffordshire,
UK ST4 4ET.
Tel. 44(O)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number

Emergency Telephone +44(O)1782 745000 Office hours Mon-Friday 08:45 – 16:30

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Acute Tox 4, H302: Acute Toc 4, H332; STOT RE 1, H372; Repr 1A, H360Df: Carc.2 H351: Aquatic Acute 1, H400
Aquatic Chronic 1, H410

2.2. Label elements



2.3. Other hazards

No other hazards

SECTION 3: Composition/information on ingredients

3.1 Chemical description Ceramic Enamel

Substances

Identification	CAS	Concentration	(*)Classification Regalement 1272/2008
Lead Frit	65997-18-4	75-85%	Acute Tox 4, H302: Acute Tox4, H332;STOT RE1,H372;Repr 1A H360Df;Carc. 2, H351;Aquatic Acute1, H400;Aquatic Chronic1 H410.
Co Al Si	68186-57-8	15-55%	Cobalt Alumina Silicate, Not classified as hazardous.

3.2 Chemical characterization & comments.

Preparation of ceramic frits (fused silicate glass substances) and inorganic pigments dispersed in a gum solution containing an acticide to prevent degradation..

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Unlikely route of exposure as the product does not contain volatile substances.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is not believed to present a hazard due to its physical nature.

5.3. Advice for firefighters

Special protective equipment for Fire Fighters. Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use. Do not eat drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Contains no substances with professional exposure limit values.

8.2. Exposure controls

Eye Protection:

Not required on normal use. Always proceed with good working practice.

Skin Protection;

Not required on normal use. Always proceed with good working practice.

Hands Protection;

Not required on normal use. Always proceed with good working practice.

Respiratory Protection;

Not required on normal use. Always proceed with good working practiceavoid generating dust or respiratory protection may be required..

Protective measures;

When using do not eat, drink, or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Coloured liquid.

Colour Deep Blue

Odour Odourless.

Melting Point Above 500°C.

Relative density Not relevant.

Solubility(ies) Almost insoluble.

In water

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Eye contact

May cause temporary eye irritation.

Acute Toxicology

LD50 Oral (rat)

Not known

LD50 Dermal

Not known

LD50 Inhalation

Not known

Health Effects

Prolonged or repeated exposure above occupational exposure standards may cause Lead to accumulate in the body. In serious cases anaemia and damage to the kidneys, central 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 include lead in blood monitoring.

SECTION 12: Ecological Information

12.1. Toxicity

The available toxicological information shows that this product is not toxic and not harmful, and no risk notification is required.

12.2. Persistence and degradability

Biodegradation

Not inherently biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by International regulations on the transport of dangerous goods (IMDG,IAIA,ADR/RID)

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.
15.2. Chemical safety assessment No chemical safety assessment has been carried out.

SECTION 16: Other information

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Supersedes Date 26th March 2016
SDS number 0253
Hazard statements in full H302 : Harmful if swallowed.
H332 : Harmful if inhaled
H372 Causes damage to organs through prolonged or repeated exposure.
H351 : Suspected of causing cancer
H360 May damage fertility or unborn child.
H400 ; Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects.

Acronyms used;

CLP	Classification .Labelling and Oackaging.
PBT	persistent Bioaccumulative and Toxic.
VPvB	Very persistent and very Bioaccumulative
N.A.	Not Applicable
N.D	No Data Available
IBC	Bulk Containers

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.