

## SAFETY DATA SHEET Marine Blue Low Sol H/B Glaze

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product Name Marine Blue Low Sol H/B Glaze  
Product No. P0051

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

Identified uses Ceramic Glaze

#### 1.3. Details of the supplier of the safety data sheet

Supplier: Pottery crafts Ltd  
Campbell Road  
Stoke on Trent  
ST4 4ET  
Tel 44 (0)1782 745000  
sales@pottery crafts.co.uk  
www.pottery crafts.co.uk

#### 1.4. Emergency telephone number

+44(0)1782 745000

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification

Physical hazards Not classified

Health hazards Elicitation-EUH208

Environmental hazards Not classified

#### 2.2. Label elements

Risk Phrases

NC Not classified.

Hazard statements

EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione

< 1

CAS-No.: 5395-50-6

EC No.: 226-408-0

Classification (EC 1272/2008)

Classification (67/548/EEC)

Skin Sens. 1 - H317

R43.

## Marine Blue Low Sol H/B Glaze

QUARTZ	< 1
CAS-No.: 14808-60-7	EC No.: 238-878-4
Classification (EC 1272/2008) STOT Rep. 2 - H373	Classification (67/548/EEC) Xn;R48/20.
Olivine, cobalt silicate blue	< 1
CAS-No.: 68187-40-6	EC No.: 269-093-5
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R20/22.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

#### 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. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin Contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Rinse with water. Contact physician if discomfort continues.

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

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

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

##### 5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

##### 5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective Measures In Fire

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

Avoid spreading dust or contaminated materials.

##### 6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

## Marine Blue Low Sol H/B Glaze

### 6.4. Reference to other sections

#### SECTION 7: HANDLING AND STORAGE

##### 7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

##### 7.2. Conditions for safe storage, including any incompatibilities

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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Olivine, cobalt silicate blue		0.1				
QUARTZ			0.1 mg/m <sup>3</sup>			

##### 8.2. Exposure controls

###### Protective Equipment



###### Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

###### Respiratory Equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

###### Hand Protection

For prolonged or repeated skin contact use suitable protective gloves.

###### Eye Protection

If risk of splashing, wear safety goggles or face shield.

###### Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

##### 9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid
Odour	No characteristic odour.
Solubility	Insoluble in water
Relative Density	1-2
pH-Value, Conc. Solution	6-8

##### 9.2. Other information

#### SECTION 10: STABILITY AND REACTIVITY

##### 10.1. Reactivity

##### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

## Marine Blue Low Sol H/B Glaze

### 10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant.

### 10.4. Conditions to avoid

Not known.

### 10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

Not known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological Information

No data recorded.

General Information

No specific health warnings noted.

Inhalation

Dust in high concentrations may irritate the respiratory system.

Skin Contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye Contact

May cause temporary eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

Degradability:

The product solely consists of inorganic compounds which are not biodegradable.

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: DISPOSAL CONSIDERATIONS

General Information

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

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

## Marine Blue Low Sol H/B Glaze

14.2 UN Proper shipping name14.3 Transport hazard class(es)14.4. Packing group14.5. Environmental hazards14.6. Special precautions for user14.7. 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

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

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

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

## SECTION 16: OTHER INFORMATION

Revision Comments

Reclassified based on REACH toxicity reports &amp; consortia information.

Issued By Product Regulations Dept

Revision Date 14/06/2011

Revision 2

Supersedes Date 23/02/2011

Risk Phrases In Full

R20/22 Harmful by inhalation and if swallowed.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H373 May cause damage to organs &lt;&lt;Organs&gt;&gt; through prolonged or repeated exposure if inhaled.

## Disclaimer

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.