

SAFETY DATA SHEET
Amaco Potters Choice Series Glazes.

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

1.1. Product identifier

Product name Amaco Copper Red Brush-on Glaze

Product number PC 70

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

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(0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000 Office Hours Mon-Friday 08:45-16:30 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Skin Sens. 1 – H317 STOT RE 1 – H372

Environmental hazards Aquatic Chronic 3 –H412

2.2. Label elements

Hazard Pictograms



Signal Word

DANGER.

Hazard statements

H317 May Cause an allergic skin reaction.
H372 Causes damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Silica	Max 15%
CAS number :14808-60-7	EC number : 238-878-4
Classification STOT RE 1 –H372	
Calcium Carbonate & Dolomite	Max 15%
CAS number : 1317-65-3	EC number : 215-279-6
Classification Not Classified	

Aluminium Silicate	Max 15%
CAS number 1332-58-7	EC number 310-194-1
Classification Not Classified	

Zinc Oxide	Max 15%
CAS number 1314-13-2 M factor (Acute)=1	EC number 215-222-5 M factor (Chronic) = 1
Classification Aquatic Acute 1 –H400 Aquatic Chronic 1 –H410	

Iron Oxide	< 1%
CAS number 1309-37-1	EC number 215-168-2
Classified Not classified	

Copper Carbonate	< 1%
CAS number 12069-69-1 M factor (Acute) = 10	M factor (Chronic) = 1
Classification Acute Toxic 4 – H302 Acute Toxic 4- H332 Eye irrit 2 H319 STOT SE 3 –H335 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	

2,2,2 Hexahydro-1,3,5-triazine-1,3,5 triyl triethanol	<1%
CAS number 4719-04-4	EC number 225-208-0
Classification Acute Toxic 4 -H302 Acute Toxic 2 –H330 Eye Irrit 2 –H319 Skin Sens 1 H317 STOT RE 1 –H372	

2-aminoethanol	<1%
CAS number 141-43-5	EC number 205-483-3
Classification Acute Toxic 4 –H302 Acute Toxic 4 –H312 Acute toxic 4 –H332 Skin Corr 1B –H314 Eye Damage 1 –H318 STOT SE 3 –H335 Aquatic Chronic 3 –H412	

The Full Text for all R-phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical information. Immediately. Show this Safety Data Sheet to the medical personel.

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

General Information See section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration on length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause sensitisation or allergic reactions in sensitive individuals. Gastrointestinal symptoms, including upset stomach. Fumes from the stomach content may be inhaled, resulting in the same symptoms as inhalation.

Skin Contact May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin.

Eye Contact May cause temporary eye irritation.

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

Treat symptomatically may cause sensitisation or allergic reactions in sensitive individuals.

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 firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures.

Personal Protection For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions. Please read section 2 completely, If any environmental warnings such as : H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

Environmental

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

Reference to other Sections For waste disposal, see Section 13. For personal protection, see Section 8.

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 the 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

Occupational Exposure Limits.

Silicon dioxide

Long-Term exposure limit (8-hour TWA) : WEL 1mg/m³ Respirable dust.

Calcium Carbonate & Dolomite

Long-Term exposure limit (8-hour TWA) : WEL 10mg/m³ inhalable dust

Long-Term exposure limit (8-hour TWA) : WEL 4mg/m³ respirable dust

Long-Term exposure limit (8-hour TWA) : WEL 10 mg/m³ inhalable dust

Long-Term exposure limit (8-hour TWA) : WEL 10 mg/m³ inhalable dust

Long-Term exposure limit (8-hour TWA) : WEL 4 mg/m³ respirable dust

Long-Term exposure limit (8-hour TWA) : WEL 4 mg/m³ respirable dust

WEL = Workplace Exposure Limit.

Ingredient comments

Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt..

8.2. Exposure controls



Appropriate engineering Controls

No specific ventilation requirements unless the “Fan” pictogram is shown above or specified in Section 2

Eye/Face protection

No specific eye protection unless the “Eye PROTECTION” pictogram is shown above or specified in Section 2.

Hand/protection

No specific hand protection is required unless the “HAND PROTECTION” pictogram is shown above or specified in Section 2.

Hygiene measures

Using good hygiene practices is always appropriate .Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

Respiratory protection

No specific respiratory protection required unless the “RESPIRATOR” pictogram is shown above or in Section 2. Using the appropriate certified protection for the operation is important if required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured Liquid
Colour	light green
Odour	Almost odourless.
Solubility(ies)	Not applicable.

9.2. Other information	Not applicable
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SECTION 10: Stability and reactivity

10.1. Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions	Not relevant
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10.4. Conditions to avoid	None Known
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10.5. Incompatible materials Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products Hazardous decomposition products	Not Known
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects.	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use.
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Skin corrosion/irritation Skin Sensitisation.	Please read Section 2 thoroughly to understand the toxicological risks. (if any) and precautions for safe use (If any).
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Eye contact.	May cause temporary eye irritation.
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SECTION 12: Ecological Information

Ecotoxicity	Please read Section 2 completely, If any environmental warnings such as : H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
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12.1. Toxicity Acute aquatic toxicity Chronic aquatic toxicity	Based on available data the classification criteria are not met. Harmful to aquatic life with long lasting effects.
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12.2. Persistence and degradability Biodegradation.	The degradability of the product is not known. Not inherently biodegradable
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12.3. Bioaccumulative potential Partition Coefficient.	No information available.
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12.4. Mobility in soil	Semi Mobile
12.5. Results of PBT and vPvB assessment	
Results of PBT & vPvB Assessment.	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.
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SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	No transport warning sign required.
14.4. Packing group	Not applicable

14.5. Environmental hazards

Environmentally hazardous substances/marine pollutant

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warning are shown then please verify packaging and labelling requirements for larger volumes.

14.6. Special precautions for user	Not applicable. Acute Toxicity Estimate
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

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 Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No.716)
EU Regulation	Dangerous Preparations Directive 1999/45/EC Dangerous Substances Directive 67/548/EEC

15.2. Chemical safety assessment

Not applicable

Inventories.

US-TSCA All the ingredients are listed or exempt.

US-TSCA 12(b) Export Notification All the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms

Used in the safety data sheet	ADR. European Agreement concerning the International Carriage of Dangerous Goods by Road ADN. European Agreement concerning the International Carriage of Dangerous goods by inland waterways. RID : European agreement concerning the International Carriage of goods by Rail. IATA : International Air Transport Association. ICAO : Technical Instructions for the Safe Transport of Dangerous by bAir. IMDG : International Maritime Dangerous Goods. CAS : Chemical Abstracts Service ATE : Acute Toxicity Estimate PBT: Persistent Bioaccumulative and Toxic substances. vPvB : Very Persistent and very Bioaccumulative
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Classification abbreviations and acrynms

Skin Sens – Skin Sensitisation
STOT RE = Specific target organ toxicity-repeated exposure.
Aquatic Chronic : Hazardous to the aquatic environment (Chronic)

Classification procedures According to Regulations (EC) 1272/2008

STOT RE 1 –H372 Skin Sens 1 H317 : Calculation method Aquatic Chronic 3 : H412.

Revision Date **325/04/2021**Revision **3**Supersedes **01/11/2020**

Hazard Statements in Full

H302: Harmful if swallowed
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 Causes serious eye irritation.
H330 : Fatal if Inhaled.
H332 : Harmful if inhaled.
H335: May cause respiratory irritation.
H372: Causes damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very Toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.: .

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.