

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 Honey Flux Brush-on Glaze

Product number PC 17

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

WARNING..

Hazard statements

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

Contains

Silicon Dioxide, 2,2,2 Hexahydro-1,3,5-triazine-1,3,5 triethanol.

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	

Rutile	Max 15%
CAS number 13463-67-7	EC number 236-675-5
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	

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 wilvary 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

Rutile.

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

Long term exposure limit (8hour TWA) : WEL 10 mg.m³ inhalable dust.

2-aminoethanol

Long term exposure limit (8hour TWA) :WEL 1ppm 2.5 mg/m³

Short term exposure limit (15 minute) :WEL 3ppm 7.6 mg/m³

Sk= Can be absorbed through the skin.

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	off white
Odour	Almost odourless.
Solubility(ies)	Not applicable.

9.2. Other information Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not relevant

10.4. Conditions to avoid

None Known

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.

10.6. Hazardous decomposition products

Hazardous decomposition products Not Known

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.

Skin corrosion/irritation

Skin Sensitisation. Please read Section 2 thoroughly to understand the toxicological risks. (if any) and precautions for safe use (If any).

Eye contact. May cause temporary eye irritation.

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.

12.1. Toxicity

Acute aquatic toxicity Based on available data the classification criteria are not met.

Chronic aquatic toxicity Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability **The degradability of the product is not known.**

Biodegradation. Not inherently biodegradable

12.3. Bioaccumulative potential

Partition Coefficient. No information available.

12.4. Mobility in soil Semi Mobile

12.5. Results of PBT and vPvB assessment

Results of PBT & vPvB This product does not contain any substances classified as PBT or vPvB.

Assessment.

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.

SECTION 14: Transport information**General**

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

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

Classification abbreviations and acronyms

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.

Calculation method.

Revision Date

23//04/2021

Revision

1

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 (Respiratory system) through prolonged or repeated exposure.
- H372 Causes damage to organs through prolonged or repeated exposure
- H373 May cause 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.