

SAFETY DATA SHEET

Liquid On-glaze & Underglaze Water Based Medium.

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

1.1. Product identifier

Product name Liquid On-glaze & Underglaze Water Based Hand Painting Medium.
Product number P4479

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

Identified uses Rheology additive to Ceramic Colours.

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 according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

Physical Hazards Not Classified

Health Hazards Not Classified

Environmental Hazard Not Classified

2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void
· Signal word Void
· Hazard statements NC : Not Classified

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3 : Composition/Information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Solution of resins and organic gums in water. There are no classified ingredients, or those present having exposure limits above the levels of disclosure.

Section : 4 First Aid Measures

4.1 Description of first aid measures

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5 : Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents CO2, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents Water.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment : Wear self-contained breathing apparatus.

Section 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

6.2 Environmental precautions : Do not allow product to reach sewage system or water bodies.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7 : Handling and storage

7.1 Precautions for safe handling No special measurement required

Information about protection against explosions and fires : No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers : No special requirements.

Information about storage in one common storage facility : Not required.

Further information about storage conditions : Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

Section 8 : Exposure controls/personal protection.

Additional information about design of technical systems:

The application of this product requires well exhausted firing kilns and efficient ventilation of working areas.

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Breathing equipment : Not required.

Protection of hands:

Use gloves of stable material (e.g. Nitrile) _ if necessary tricoted to improve the wearability.

Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Safety glasses recommended during refilling.

Section 9 : Physical and chemical properties.

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form :	Oily
Colour :	Clear
Odour :	Characteristic
Odour threshold:	Not determined.
pH;value :	Neutral

Change in condition

Melting point/Melting range :	Not determined
Boiling point/Boiling range :	Not determined

Inflammability (solid, gaseous)	Not applicable.
Ignition temperature :	190 °C
Decomposition temperature :	Not determined.
Self;inflammability :	Product is not self-igniting.
Danger of explosion :	Product is not explosive.

Critical values for explosion:

Lower :	1.2 Vol %
Upper :	11.6 Vol %
Vapour pressure at 20 °C :	0.1 hPa
Density	Not determined
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Water:	Partly miscible
Partition coefficient (n;octanol/water):	Not determined.
Viscosity:	
Dynamic :	Not determined.
Kinematic :	Not determined.

Solids content: 3.0 %

9.2 Other information No further relevant information available.

Add- Additional information	After some time, change of colour of this product is possible without loss of characteristics.
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Section 10 : Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions : No dangerous reactions known

10.4 Conditions to avoid : No further relevant information available.

10.5 Incompatible materials : No further relevant information available.

10.6 Hazardous decomposition products : No dangerous decomposition products known

Section 11 : Toxicological information

1.1 Information on toxicological effects

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

Primary irritant effect:

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

Serious eye damage/irritation : Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.

Additional toxicological information :

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity : Based on available data, the classification criteria are not met.

STOT- single exposure : Based on available data, the classification criteria are not met.

STOT- repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

Section 12 : Ecological information.

12.1 Toxicity

Aquatic toxicity : No further relevant information available.

12.2 Persistence and degradability : No further relevant information available.

12.3 Bioaccumulative potential : No further relevant information available.

12.4 Mobility in soil : No further relevant information available.

Additional ecological information :

General notes:

Water hazard class 1 (German Regulation) (Self_assessment) : slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects : No further relevant information available.

Section 13 : Disposal considerations

13.1 Waste treatment methods

Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

European waste catalogue

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

Uncleaned packagings:

Recommendation : Disposal must be made according to official regulations.

Recommended cleaning agent : Water, if necessary with cleaning agent.

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

ADR, ADN, IMDG, IATA : Not regulated

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA : Not regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA Class ; Not regulated

14.4 Packing group

ADR, IMDG, IATA : Not regulated

14.5 Environmental hazards:

Marine pollutant : No

14.6 Special precautions for user :

Not applicable.

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code : Not applicable.

Transport/Additional information :

Not dangerous according to the above specifications.

ADR - Remarks : Not regulated

AND :- Remarks : Not regulated

IMDG : Remarks :
IATA : Remarks :Not regulated
Not regulated

UN "Model Regulation" :

Not regulated

Section 15 : Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**National regulations**

The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

Water hazard class : Water hazard class 1 (Self_assessment): slightly hazardous for water**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**Section 16 : Other information.****Issued by** Products Regulations Dept.**Revision Date** 8th March 2018.**Revision** 3**SDS Number** 2001**SDS status** Approved**Hazard Statements** NC : Not Classified.**- Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

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.