



SDS

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Date: Oct 21, 2026

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Safety Data Sheet (SDS)

Report No.: SFT260601016746F
Customer Name: PASLER ART SUPPLIES LTD
Address: 53 Whateleys Drive, Kenilworth Warwickshire, CV8 2GY
Sample Name: UNDERGLAZE

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SECTION1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: UNDERGLAZE SET

Model No.: PUC012, PUC024

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

Identified uses: Decoration of ceramic bisque/ware, applied by brush or other methods, followed by high-temperature kiln firing.

Uses advised against: Do not use for purposes other than ceramic decoration. Avoid dry grinding, sanding or machining of dried material unless local exhaust ventilation is installed.

1.3 Details of the supplier

Manufacturer/Supplier: PASLER ART SUPPLIES LTD

Address: 53 Whateleys Drive, Kenilworth Warwickshire, CV8 2GY

Contact person: LEON

Telephone: 13725735088

Fax: -

Email: info@paslerpencil.com

1.4 Emergency telephone number

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Skin Irrit. 2 (H315) 2

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Eye Irrit. 2 (H319)	2
Aquatic Acute 1 (H400)	1
Aquatic Chronic 1 (H410)	1
2.2 Label elements	
Pictograph	
Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	
Preventive measure	P102 Keep out of reach of children. P203 Obtain, read and follow all safety instructions before use. P260 Do not breathe dust or spray mist. P264 Wash skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection.
Accident response	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P391 Collect spillage.
Waste disposal	P501 Dispose of contents/container in accordance with local, regional and national regulations.
2.3 Other hazards	
This is a water-based wet paste. Not a PBT or vPvB substance or mixture. Contains crystalline silica (quartz), a carcinogen by inhalation (Carc. 1A). Respirable dust only forms when the material is fully dried and mechanically processed or spray-applied as a fine mist; under normal wet handling, no respirable dust is generated.	

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SECTION 3 Composition/ information on ingredients

3.2 Mixtures

(Not all ingredients are listed as they are either not classified as hazardous or fall below GHS cut off levels.)

Chemical name	CAS No.	Content (%)
KAOLIN	1332-58-7	>8 - >15%
POTASH FELDSPAR	68476-25-5	>10 - >15%
SILICA(QUARTZ)	14808-60-7	>1 - >12%
ZINC OXIDE	1314-13-2	>0.1 - >0.5%
ZIRCONIUM SILICATE	10101-52-7	>5 - >9%

SECTION 4 First-aid measures

4.1 Description of first aid measures

Inhalation:	Move to fresh air. Get medical attention if necessary.
Skin contact:	Rinse with running water and soap. Get medical attention if necessary.
Eye contact:	Rinse with plenty of water immediately. Get medical attention if necessary.
Ingestion:	Rinse mouth thoroughly. Get medical attention if necessary.

4.2 Most important symptoms and effects , both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

See section 4.1.

SECTION 5 Firefighting measures

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5.1 Extinguishing media	
Suitable extinguishing media:	Water, foam, powder or carbon dioxide.
Unsuitable extinguishing media:	None
5.2 Special hazards arising from the substance or mixture	
Calcium carbonate: Calcium Oxide	
5.3 Advice for firefighters	
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.	
5.4 Additional information	
In case of fire, keep containers cool with water spray.	
SECTION 6 Accidental release measures	
6.1 Personal precautions, Protective equipment and emergency procedures	
Ensure adequate ventilation. Wear protective equipment. Avoid contact with skin and eyes.	
6.2 Environmental precautions	
Do not empty into drains / surface water / ground water.	
6.3 Methods and material for containment and cleaning up	
Sweep up or gather material and place in appropriate container for disposal.	
6.4 Reference to other sections	
For personal protection, see advice in section 8.	
Dispose of contaminated material as waste according to Section 13.	
SECTION 7 Handling and storage	
7.1 Precautions for safe handling	
Avoid skin and eye contact. Wear appropriate personal protective equipment	
See advice in section 8.	
7.2 Conditions for safe storage, including any non-compatibility	

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Store in closed original container in a dry place. Store away from incompatible materials.

Keep container tightly sealed.

Refer to Technical Data Sheet

7.3 Specific end use(s)

No data available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits:	Observe applicable occupational exposure limits for respirable crystalline silica, zinc oxide, kaolin and feldspar (e.g. OSHA PEL, ACGIH TLV for respirable crystalline silica).
Biological limit values:	No data available.
Derived no-effect level (DNEL) :	No data available
Predicted no effect concentrations (PNECs):	No data available

8.2 Exposure controls

Engineering controls:	Ensure good ventilation/extraction.
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Individual protection measures, such as personal protective equipment

Respiratory protection:	Ensure adequate ventilation. use respiratory protection
Hand protection:	Use suitable protective gloves if risk of skin contact.
Eye protection:	Risk of contact: Wear approved safety goggles.
Skin protection:	Wear suitable protective clothing.
Environmental exposure controls:	Environmental manager must be informed of all major releases.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Wet paste
Color:	Varies by colour variant
Odor:	Odorless
Odor threshold:	No data available

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Melting point:	No data available
Boiling point:	No data available
Flammability:	No data available
Explosive limits:	Non-explosive
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH Value:	No data available
Kinematic viscosity:	No data available
Solubility:	Practically insoluble (mineral matrix)
Partition coefficient (n-octanol/water):	No data available
Vapour pressure (25°C) :	No data available
Density:	No data available
Relative vapour density:	No data available
9.2 Other information	
No data available.	
SECTION 10 Stability and reactivity	
10.1 Reactivity	
Stable and non reactive under normal conditions of use, storage and transport.	
10.2 Chemical Stability	
Stable under normal conditions of storage and use.	
10.3 Possibility of hazardous reactions	
See section 10.1.	
10.4 Conditions to avoid	
High temperatures. Store away from incompatible materials. Heat, flames, sparks and other sources of ignition.	

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10.5 Incompatible materials

Strong oxidising agents. Acids. Bases.

10.6 Hazardous decomposition products

No decomposition if used according to specifications.

SECTION 11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:	Harmful if swallowed May be harmful if inhaled
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitization:	May cause an allergic skin reaction
Germ cell mutagenicity:	No data available.
Carcinogenicity:	Crystalline silica (quartz) is carcinogenic by inhalation (Carc. 1A). Hazard arises only from respirable dust of dried material.
Reproductive toxicity:	No data available.
STOT-single exposure:	Category 3 respiratory irritation from potash feldspar.
STOT-repeated exposure:	Category 2 based on kaolin; crystalline silica may cause STOT RE 1 by inhalation.
Aspiration hazard:	No data available.
Mixture versus substance information:	Classification based on component hazard data.

11.2 Information on other hazards:

No respirable dust exposure occurs under normal wet handling of this product. Inhalation hazard of crystalline silica only becomes relevant once the material is dried and dust or mist is generated.

SECTION 12 Ecological information

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12.1 Toxicity

Zinc oxide component is very toxic to aquatic life (Aquatic Acute 1 / Chronic 1).

12.2 Persistence and degradability

Inorganic minerals; not readily biodegradable.

12.3 Bio-accumulative potential

Low bioaccumulation for silicate minerals; zinc may bioaccumulate in aquatic systems.

12.4 Mobility in soil

Low mobility for solid mineral particles.

12.5 Results of PBT and vPvB

Not a PBT or vPvB substance or mixture.

12.6 Other adverse effects

Release to water can cause severe long-term harm to aquatic organisms.

SECTION 13 Disposal consideration

13.1 Waste treatment methods

Product disposal:	Dispose of in accordance with local and national regulations. Do not empty into drains / surface water / ground water.
Disposal of uncleaned packages:	After use, uncleaned container should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.
Waste code:	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information:	Dispose of in accordance with local/regional/national/international regulations.

SECTION 14 Transport information

14.1 UN-Number

Not regulated as dangerous goods.

14.2 UN proper shipping name

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Not regulated as dangerous goods.

14.3 Transport hazard class(es)

Not regulated as dangerous goods.

14.4 Packing group

No data available.

14.5 Environmental hazards

Contains a component very toxic to aquatic life. Prevent leakage during transport.

14.6 Special precautions for user

The finished wet-paste product in its consumer packaging is not classified as dangerous goods for transport (ADR, ADN, IMDG, IATA).

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15 Regulatory information

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

List of candidates for substances of high concern published by ECHA

The substance is not on the list.

Annex XVII of the EU Regulation REACH restricts substances

The substance is not on the list.

Annex XIV of the EU Regulation REACH authorizes substances

The substance is not on the list.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16 Other information

16.1 List of abbreviations

PBT: Persistent, bioaccumulative and toxic.
vPvB: Very Persistent and very Bioaccumulative.

16.2 The content and format of this SDS are in accordance with Regulation(EC) No 1907/2006, 1272/2008 and Regulation(EU) No 2020/878

DISCLAIMER

This SDS data is derived from authoritative international databases and data submitted by the company, and other

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information is based on the company's current knowledge. We try to ensure that all information is correct, but due to the diversity of information sources and the limitations of the company's knowledge, this SDS is for users' reference only. Users of SDS should make a judgment on the reasonableness of the relevant information based on the purpose of use. We shall not be liable for any damage arising from the operation, storage, use or disposal of the product.

*** End of SDS ***