potterycrafts

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Product name** Transparent Leadless Gloss Powder Glaze

**Product number** P2003

### 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
Stoke-on-Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@potterycrafts.co.uk

### 1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000 Office Hours 08:00-14-14:45 Mon-Fri

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

This document has been developed with the exclusive purpose of complying with the obligation of informing the supply chain according to article 32 of the Reach regulation, because this material is not classified and does not require a material safety data sheet.

### 2.2. Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture

### 2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical nature: glass/frit
silicatic material

**Hazardous components**

| Chemical Name | CAS-No.<br>EC-No.<br>Registration number | Classification (REGULATION (EC) No 1272/2008) | Concentration (%) |
|---|---|---|---|
| Substances with a workplace exposure limit: | | | |
| kaolin | 1332-58-7<br>310-194-1 | | < 10 |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** Do not leave the victim unattended.

**If inhaled:** If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.

**In case of skin contact:** Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

**In case of eye contact:** Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

**If swallowed:** Clean mouth with water and drink afterwards plenty of water.
Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

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

Symptoms: None known.
Risks: None known.

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

Treatment: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.
**Unsuitable extinguishing media:** High volume water jet

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

**Specific hazards during firefighting:** Do not allow run-off from firefighting to enter drains or water courses.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.
**Further information:** Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid dust formation.
Avoid breathing dust.
No conditions to be specially mentioned.

### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.
No special environmental precautions required.

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

**Methods for cleaning up** Sweep up and shovel.
Keep in suitable, closed containers for disposal.

**6.4. Reference to other sections**

For personal protection see section 8.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling:** For personal protection see section 8.
No special handling advice required.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

**Advice on protection against fire and explosion:** Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures:** When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday

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

**Requirements for storage areas and containers:** Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

**Advice on common storage:** No special restrictions on storage with other products.

**Other data:** Keep in a dry place. No decomposition if stored and applied as directed.

**7.3. Specific end use(s)**

**Specific use(s):** Consult the technical guidelines for the use of this substance/mixture.

## SECTION 8: Exposure Controls/personal protection

**8.1. Control parameters**

**Occupational exposure limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Expressed as | Basis |
|---|---|---|---|---|---|
| kaolin | 1332-58-7 | TWA (Respirable dust) | 2 mg/m3 | | GB EH40 |
| Further information | For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'., Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used | | | | | |

**8.2. Exposure controls**

| | |
|---|---|
| **Engineering measures:** | No data available |
| **Personal protective equipment** | |
| **Eye protection:** | Eye wash bottle with pure water<br>Tightly fitting safety goggles |
| **Hand protection:** | The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
| **Skin and body protection:** | Dust impervious protective suit<br>Choose body protection according to the amount and concentration of the dangerous substance at the workplace. |
| **Respiratory protection:** | No personal respiratory protective equipment normally required. |
| **Protective measures:** | Wear suitable protective equipment.<br>When using do not eat, drink or smoke. |

## SECTION 9: Physical and Chemical Properties

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

| | |
|---|---|
| **Appearance** | Powder |
| **Colour** | White |
| **Odour Threshold** | Not applicable |
| **Odour** | Odourless. |
| **pH** | No data available |
| **Melting point/range** | > 500 °C |
| **Boiling point/boiling range** | > 500 °C |
| **Flash point** | Not applicable |
| **Evaporation rate** | Not applicable |
| **Flammability (solid, gas)** | No data available |
| **Burning rate** | No data available |
| **Auto-ignition temperature** | No data available |
| **Upper explosions limit** | No data available |
| **Lower explosions limit** | No data available |
| **Vapour pressure** | No data available |
| **Relative vapour density** | No data available |
| **Relative density** | No data available |
| **Bulk density** | No data available |
| **Solubility(ies)** | |
| **Solubility in other solvents** | No data available |
| **Partition coefficient:** | |
| **n-octanol/water** | Not applicable |
| **Decomposition temperature** | No data available |
| **Viscosity** | |
| **Viscosity, dynamic** | Not applicable |
| **Explosive properties** | Not applicable |
| **Oxidising properties** | Not applicable |

**9.2. Other information**

| | |
|---|---|
| Refractive index | Not applicable |

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Stable under recommended storage conditions.

### 10.2. Chemical stability

No decomposition if stored and applied as directed.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions** No hazards to be specially mentioned.

### 10.4. Conditions to avoid

**Conditions to avoid** No data available

### 10.5. Incompatible materials

**Materials to avoid** No data available

### 10.6. Hazardous decomposition products

Stable under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**
Not classified based on available information.

**Product:**

| | | |
|---|---|---|
| **Acute oral toxicity:** | Remarks: | No data available |
| **Acute inhalation toxicity:** | Remarks: | No data available |
| **Acute dermal toxicity:** | Remarks: | No data available |

**Skin corrosion/irritation**
Not classified based on available information.

**Serious eye damage/eye irritation**
Not classified based on available information.

**Respiratory or skin sensitisation**

| | |
|---|---|
| Skin sensitisation: | Not classified based on available information. |
| Respiratory sensitisation: | Not classified based on available information. |

**Product:**
Remarks: No data available

**Germ cell mutagenicity**
Not classified based on available information.

**Carcinogenicity**
Not classified based on available information.

**Reproductive toxicity**
Not classified based on available information.

**STOT - single exposure**
Not classified based on available information.

**STOT - repeated exposure**
Not classified based on available information.

**Aspiration toxicity**
Not classified based on available information.

**Further information**
**Product:**
Remarks: No data available

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Ecotoxicology Assessment**

**Acute aquatic toxicity:** No data available
This product has no known ecotoxicological effects.

**Chronic aquatic toxicity:** No data available

### 12.2. Persistence and degradability

**Product:**

| | | |
|---|---|---|
| Biodegradability: | Remarks: | No data available |

**Components:**
**kaolin:**

| | | |
|---|---|---|
| Biodegradability: | Remarks: | No data available |

### 12.3. Bioaccumulative potential

**Product:**

| | | |
|---|---|---|
| Bioaccumulation: | Remarks: | No data available |

**Components:**
**kaolin:**

| | | |
|---|---|---|
| Bioaccumulation: | Remarks: | No data available |

### 12.4. Mobility in soil

**Product:**

| | | |
|---|---|---|
| Distribution among environmental compartments: | Remarks: | No data available |

**Components:**
**kaolin:**

| | | |
|---|---|---|
| Distribution among environmental compartments: | Remarks: | No data available |

**12.5. Results of PBT and vPvB assessment**

**Product:**

Assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6. Other adverse effects**

Product: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Offer surplus and non-recyclable solutions to a licensed disposal company.
Send to a licensed waste management company.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**14.1. UN number**
Not regulated as a dangerous good

**14.2. UN proper shipping name**
Not regulated as a dangerous good

**14.3. Transport hazard class(es)**
Not regulated as a dangerous good

**14.4. Packing group**
Not regulated as a dangerous good

**14.5. Environmental hazards**
Not regulated as a dangerous good

**14.6. Special precautions for user**

Remarks: No information available.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Ship type: N/A
Pollution category: N/A

## SECTION 15: Regulatory information

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

| | |
|---|---|
| International Chemical Weapons Convention (CWC): Schedules of Toxic Chemicals and Precursors | Neither banned nor restricted |
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): | Neither banned nor restricted |
| Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: | Neither banned nor restricted |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).: | This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57). |
| REACH - List of substances subject to authorisation (Annex XIV): | Neither banned nor restricted |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: | Neither banned nor restricted |
| Regulation (EC) No 850/2004 on persistent organic pollutants: | Neither banned nor restricted |

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

**The components of this product are reported in the following inventories:**

| | |
|---|---|
| EINECS (European Union: | On the inventory, or in compliance with the inventory |
| SWISS (Switzerland): | On the inventory, or in compliance with the inventory |
| TSCA (United States): | On TSCA Inventory |
| DSL/NDSL (Canada): | All components of this product are on the Canadian DSL. |
| AICS (Australia): | On the inventory, or in compliance with the inventory |
| NZioC (New Zealand): | On the inventory, or in compliance with the inventory |
| ENCS (Japan): | On the inventory, or in compliance with the inventory |
| ISHL (Japan): | Not in compliance with the inventory |
| KECI (Korea): | On the inventory, or in compliance with the inventory |
| PICCS (Philippines): | On the inventory, or in compliance with the inventory |
| IECSC (China): | On the inventory, or in compliance with the inventory |
| TCSI (Taiwan): | On the inventory, or in compliance with the inventory |
| CICR (Turkey): | On the inventory, or in compliance with the inventory |
| INSQ (Mexico): | On the inventory, or in compliance with the inventory |

### 15.2. Chemical safety assessment

Not applicable

## SECTION 16: Other information

| | |
|---|---|
| Issued By | Product Regulations Dept |
| Hazard Statements | NC: Not Classified. |
| Revision Date | 06/10/2029 |
| Revision | 3 |
| Supersedes date | 06/10/2026 |
| SDS No. | 59388 |
| Safety Data Sheet Status | Approved. |

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