



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2022.

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

1.1. Product identifier

Product name Terracotta Cast with Iron

Product number 400-320, 400-330.

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

Identified uses sculpture casting material.

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier Pottery crafts Ltd / Tiranti
Campbell Road
Stoke
Stoke-on-Trent.
ST4 4ET
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk / Enquiries@tiranti.co.uk

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

INGREDIENTS - Gypsum, Iron Oxide, Iron Grit (calcium sulphate hemihydrate, clay, iron oxide, iron grit).

Classification

Physical hazards Powders may irritate eyes or sensitive skin, dust may irritate respiratory system. Non-irritant
Providing standard safety precautions are taken.

Health hazards Terracotta cast based on gypsum is not classified as hazardous under Chip 2 Regulations 1994. Refer top Section 15 - regulatory information.

Environmental hazards Not Classified.

2.2. Label elements

Hazard statements not classified.

2.3. Other hazards



SECTION 3: Composition/information on ingredients

3.2. These products are not hazardous to health or the environment according to EU criteria.

Terracotta cast based on gypsum is not classified as hazardous under Chip 2 Regulations 1994. Refer to Section 15 - regulatory information. Powders may irritate eyes or sensitive skin, dust may irritate respiratory system. Non-irritant providing standard safety precautions are taken.

Classification	Not classified.
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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

Inhalation	Remove subject to fresh air.
Ingestion	Wash mouth out & take great care to remove as much of the substance as possible. Get Medical attention.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse with flowing water for a minimum of 15 minutes. Get medical attention if any discomfort continues.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media	Terracotta cast is non-combustible and inhibits the spread of flame.
Suitable extinguishing media	Extinguishing Media: No restriction in fire situations. Suitable extinguishing media for The surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Specific hazards	none known.
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5.3. Advice for firefighters

Protective actions during Fire fighting	N/A
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 precautions	Control and suppress dust formation, vacuum or sweep up and put into bags. Clean up with appropriate Personal protective equipment.
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6.2. Environmental precautions

Environmental precautions	Prevent Terracotta cast contaminating drains and watercourses as a powder or slurry.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up Refer to Section 8 - Exposure/Protection and Section 13 - Disposal.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions handling: Minimise and control dust when opening container or mixing the product. Avoid Prolonged or repeated contact with Terracotta cast on the skin or eye contact. Wear protective Clothing when mixing or working with powdered or wet products.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Storage: Store in a warm, dry place sealed airtight.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters Respiratory protection: Use mask during work in unventilated and dusty spaces.
Skin protection: gloves or barrier creams are required for use with this product.
Eye protection: eye protection designed to protect against powder & liquid splashes.
Observe OEL limits for inhalable and respirable nuisance dust.

8.2. Exposure controls

Protective equipment



Appropriate engineering Controls Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection eye protection designed to protect against powder and liquid splashes should be worn.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if A risk assessment indicates skin contact is possible.

Hygiene measures Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection if ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P3.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Powdered- pale rust / off pink colour.

Odour odourless.

PH Neutral.

Solubility (ies) Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable & Unreactive.

10.2. Chemical stability

Stability Stability: Stable under normal conditions of storage and use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

10.4. Conditions to avoid Not 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 Not Known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects The product is not toxic and non-irritating. Oral Toxicity: LD50 (rat)>5g/Kg.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological Information

Eco toxicity This product is not harmful to the environment. The product is virtually insoluble in water and Thus can be separated from water mechanically in suitable effluent treatment plants.

12.1. Toxicity

Toxicity No information available.

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bio accumulative potential

Bio accumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB

12.6. Other adverse effects



SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Examine possibilities for recycling. Return large quantities to the manufacturer.
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

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). Not dangerous cargo. Keep separated from foodstuffs.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class (es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

This product is not a substance subject to mandatory marking within EC Directive 67 / 548 / EC.

Not classified as hazardous under CHIP 2 as amended by CHIP 96: Chemicals (Hazard Information and Packaging) Regulations 1994 as amended by the CHIP 96 (Amendment) Regulations 1996. Occupational Exposure Limits EH40 (reviewed and reprinted annually). The Control of Substances Hazardous to Health (COSHH) Regulations 1994.

15.2. Chemical safety assessment No chemical safety assessment has been carried out.

SECTION 16: Other information

Hazard statements in full Recommended: for slush/hollow castings in sculpture.

This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material.

Further information can be found in: The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657) The Manual Handling Operations Regulations 1992 (SI 1992: 2793) The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992: 2839) the publication HSE EH40/94 Occupational Exposure Limits 1994 or latest issue.

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.