



## SAFETY DATA SHEET

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

#### 1.1. Product identifier

**Product name** Ironstone Plastic Stoneware Clay  
**Product number** P1551

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

**Identified uses** Ceramic clay or natural modelling clay. Designed for pottery, artistic ceramics.

#### 1.3. Details of the supplier of the safety data sheet

PotteryCrafts (UK)	Fired Up Kilns (AUS)
Campbell Road, Stoke on Trent, Staffordshire UK ST4 4ET Tel +44 (0)1782 745000 sales@potteryCrafts.co.uk	Factory 39, 10 Cawley Road, Yarraville 3013 Victoria Australia Tel +61 (0) 473 748 870 hello@firedupkilns.com.au

#### 1.4. Emergency telephone number

**UK** +44(0) 1782 745000 Office hours. **AUS** +61(0) 473 748 870 Office hours

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

#### EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

#### Adverse physicochemical, human health and environmental effects.

No other Hazards.

#### 2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

**Hazard statements** NC : Not Classified

**Precautionary statements** Avoid generating and breathing dust from product in the dry state.

**Contains** Fine Fraction Crystalline Silica

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Name	CE/ EINECS	CAS	Concentration	Classification
Quartz	238-455-4	14808-60-7	>20% (*)	Substance with occupation exposure limit.
Classification STOT RE 1 – H372				

(\*) The respirable crystalline silica is less than 1%.

**Composition comments** The product is supplied in a plastic state, when the clay dries, the hazards will be as described in the text.



## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

<b>Inhalation</b>	Not relevant.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Drink a few glasses of water or milk.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse with water. 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**

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** No unusual fire or explosion hazards noted.

**5.3. Advice for firefighters** 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** For personal protection, see Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13.

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

**Methods for cleaning up** Collect spillage with a shovel and broom, or similar and reuse, if possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal/Authority.

### **6.4. Reference to other sections**

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Do not eat, drink or smoke when using the product.

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

**Storage precautions** Keep in a cool place. Do not allow to freeze

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

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## **SECTION 8: Exposure Controls/personal protection**

### **8.1. Control parameters**

Name	EINECS	N° CAS	VLA-EC <sup>1</sup> ppm	Mg/m <sup>3</sup>	VLA-ED <sup>2</sup> ppm	Mg/m <sup>3</sup>
Crystalline silica respirable Quartz	238-878-4	14808-60-7	-	-	-	0.05

### **Occupational exposure limits**

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup> resp.dust

### **Fine Fraction Crystalline Silica**

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** Total Inhalable Dust 10mg/m<sup>3</sup> - 8hr TWA Total respirable Dust 4mg/m<sup>3</sup> - 8hr TWA

### **8.2. Exposure controls**

#### **Appropriate engineering**

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

#### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

#### **Hand protection**

Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

#### **Hygiene measures**

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

#### **Respiratory protection**

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>.

## **SECTION 9: Physical and Chemical Properties**

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

<b>Appearance</b>	Moist mineral mass
<b>Colour</b>	Unfired-Dark Brown, Fired-Deep-Beige
<b>Odour</b>	Odourless.
<b>pH</b>	pH (diluted solution): 7
<b>Solubility(ies)</b>	Insoluble in water.

### **9.2. Other information**

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

### **10.2. Chemical stability**

**Stability** Stable at normal ambient temperatures and when used as recommended. Material will lose water by evaporation.

### **10.3. Possibility of hazardous reactions**

**Possibility of hazardous Reactions** Not relevant.



#### 10.4. Conditions to avoid

**Conditions to avoid** Not relevant.

#### 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** No known hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No data recorded.

**General information** Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

**Inhalation** Not hazardous in the form supplied. If dried and generated into a powder, excessive exposure may cause chronic lung disease.

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

**Skin contact** Prolonged contact may cause redness, irritation and dry skin.

### SECTION 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

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

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

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

**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** 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.

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## **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**

**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**

**National regulations**

Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation**

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance**

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

**Issued by** Product Regulations Dept

**Revision date** 11/10/2017

**Revision** 4

**Supersedes date** 26/08/2016

**SDS number** 0067

**SDS status** Approved.

**Hazard statements in full** H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure, if inhaled.

### **Disclaimer.**

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.