

## MATERIAL SAFETY DATA SHEET (cosh41)

### 1. Identification of the preparation/Supplier reference

Trade Name

**P2050      P2057      P2077      P2079**

Chemical name            Mixture of chemicals  
Synonyms                 None  
Supplier                    Pottery crafts Ltd, Campbell Road, Stoke on Trent ST4 4ET, UK  
Emergency numbers      01782 745000 - internet lab@pottery crafts.co.uk

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### 2. Composition

The principal hazardous components are as follows:-

Component composition	CAS	EINECS	% of
Quartz	14808-60-7	2388784	refer to summary
Barium carbonate	513-77-9	2081673	refer to summary

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### 3. Health Hazard Identification

Inhalation                Excessive exposure may cause damage to the lungs and kidneys  
Ingestion                The product is of low solubility in body fluids and it is likely to be of low acute toxicity  
Eyes                        May cause physical irritation and inflammation  
Skin                        The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation

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### 4. First Aid Measures

Inhalation                Remove patient to fresh air, loosen tight clothing and seek medical attention  
Ingestion                Do not induce vomiting, seek medical advice  
Eyes                        Wash immediately with copious amounts of water  
Skin                        Wash affected areas with water

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### 5. Fire Fighting Measures

Extinguishing Media    Those suitable for surrounding fire conditions  
Special Exposure hazard    None  
Personal protective equipment    None other than those suitable for the surrounding fire condition

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## 6. Accidental Release Measures

Leaks & Spills	Use suitable vacuum equipment where reasonably practicable. Otherwise, damp down and scoop into a receptacle
Personal protective equipment	Respiratory protective equipment

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## 7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material
Storage	Store in dry area

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## 8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

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## 9. Physical & Chemical properties

Appearance & Odour	Powder, odourless
Flash point (°C)	N/a
Flammability	N/a
Explosive properties	Non explosive
Oxidising properties	None
Specific gravity	3-5
pH value	7 (insoluble in water)
Melting point (°C)	Not available

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## 10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerization products	None

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# POTTERY CRAFTS LIMITED

## 11. Toxicology Information

Acute toxicology	LD50 Oral	>2000mg/kg
	LD50 dermal	not known
	LD50 inhalation	not known
Health effects	Prolonged or repeated exposure above occupational exposure standards may cause lung or kidney damage	

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## 12. Ecological information

Ecotoxicity	Not known
Persistence	Not known

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## 13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

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## 14. Transport Information

UN/SI No.	Not classified	
UN Class	Not classified	
Packing group	Not classified	
Road	UK	Not classified
	ADR	Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

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## 15. Regulatory information

EC Supply Labelling	Harmful Xn	
R-Phrases	R20/22 harmful by inhalation and if swallowed R22 danger of cumulative effects R48 danger of serious damage to health by prolonged exposure	
S-Phrases	S13 keep away from food, drink and animal feed stuff S20/21 when using do not eat drink or smoke S22/23 do not breathe dust or spray S28 after contact with skin, wash immediately with plenty of soap and water	
UK Occupational exposures limits*	Mg/m <sup>3</sup> 8 hr TWA	% in product
Crystalline silica	0.4	refer to summary
Barium compounds	0.5	refer to summary

\* refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

16. Other information

**Summary per product**

Ref	% Quartz	% BaCO <sub>3</sub>	% Bar
<b>P2050</b>	37.5	2.5	1.5
<b>P2057</b>	21.5	4.5	2
<b>P2077</b>	20	3.5	2
<b>P2079</b>	17.5	3	2
<b>P2793</b>	30.5	0.85	<1

**References**

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96 Regulations	Chemicals (Hazard Information and Packaging for Supply) 1996
CHIP SDS ACOPS accordance with	HSC Approved Code of Practice for Safety data Sheets in regulation 6 of the CHIP regulations
HSE EH40 used in	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations

**Footnote**

**LIABILITY**

Such information is the best of PotteryCrafts Ltd' s knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

**THIRD PARTY MATERIALS**

Insofar as materials not manufactured or supplied by PotteryCrafts Ltd are used in conjunction with, or instead of PotteryCrafts Ltd materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of PotteryCrafts Ltd materials in conjunctions with other materials.

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## 17. National Legislation

### **UK Legislation**

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

### **Important notes**

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

09 May 2005