

MATERIAL SAFETY DATA SHEET (cosh104)

1. Identification of the preparation/Supplier reference

Trade Name **Amaco Glazes**

R4073P

CTL20	CTL26						
HF1A	HF9A	HF10A	HF11A	HF12A	HF13A	HF14A	HF17A
HF18A	HF21A	HF22A	HF23A	HF24A	HF26A	HF30A	HF32A
HF37A	HF41A	HF50A	HF51A	HF55A	HF56A	HF57A	HF58A
HF60A	HF62A	HF63A	HF115A	HF120A	HF125A	HF127A	HF128A
HF129A	HF133A	HF134A	HF140A	HF142A	HF159A	HF161A	HF164A
HF165A	HF166A				HF167A	HF170A	HF171A

PC-1	PC-2	PC4	PC25	PC40	PC41	PC42	PC46
PC49	PA-30	PA-40					
ST23	ST25	ST40	ST42				

Chemical name Mixture of frits and minerals
 Synonyms None
 Supplier Pottery crafts Ltd, Campbell Road, Stoke on Trent ST4 4ET, UK
 Emergency numbers +44 (0)1782 745000 - internet lab@pottery crafts.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Quartz	14808-607	2388784	10-40%

3. Health Hazard Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease
Ingestion	The product is of low solubility in body fluids and it is likely to be of low 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

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

5. Fire Fighting Measures

Extinguishing Media	Suitable for surrounding fire conditions
Special Exposure hazard	None
Personal protective equipment	None other than required for surrounding fire conditions

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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

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

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.

9. Physical & Chemical properties

Appearance & Odour	Coloured viscous liquid, odourless
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	2-4
pH value	7 (insoluble in water)
Melting point (°C)	Not available

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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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 fibrosis of the lungs	

12. Ecological information

Ecotoxicity	Not known
Persistence	The products are chemically stable and will persist in the environment

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.

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

15. Regulatory information

EC Supply Labelling	Harmful	
R-Phrases	R20	harmful by inhalation
	R48	danger of serious damage to health by prolonged exposure
S-Phrases	S22/23 do not breathe dust or spray	
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA	% in product
Crystalline silica	0.40	10-40

* 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

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16. Other information

The American Materials Safety data sheets from which that data sheet is derived from is available on request. Please quote references LT(2), CTL(1), CTL(5), HF(1), HF(2), HF(4)

References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
HSE EH40	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.

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

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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.

07 October 2010