

MATERIAL SAFETY DATA SHEET (cosh110)

1. Identification of the preparation/Supplier reference

Trade Name **Amaco Velvet Underglaze colours**

DV3302	DV3308	DV3316	DV3320	DV3325	DV3327	DV3328	DV3334
DV3354	DV3360	DV3367	DV3368	DV3369	DV3371	DV3372	DV3374
V301	V302	V303	V304	V308	V309	V310	V313
V314	V315	V316	V318	V320	V321	V322	V323
V325	V326	V327	V328	V332	V333	V334	V336
V341	V343	V345	V350	V353	V354	V355	V356
V357	V360	V361	V366	V367	V368	V369	V370
V371	V372	V373	V374	V375	V376	V380	V381
V382	V383	V384	V385	V386	V387	V388	V389
V390	V391						
VS1308	VS1309	VS1313	VS1314	VS1353	VS1317	VS1322	VS1326
VS1336	VS1345	VS1353	VS1360	VS1370			

Chemical name Mixture of chemical 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
Mixture of chemicals			
Water	7732-18-5		
Clay	1332-58-7		
Inorganic Stains, Carbonates or Metal Oxides			
Gum	9004-32-4		
Sodium Borosilicate Frit	65997-18-4		

No reportable quantities of hazardous ingredients are present.
Non-Hazardous product.

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

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 lung	

12. Ecological information

Ecotoxicity	Not known
Persistence	The product is 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 restricted	
UN Class	Not restricted	
Packing group	Not restricted	
Road	UK	Not restricted
	ADR	Not restricted
Sea	IMO	Not restricted
Air	ICAO	Not restricted

15. Regulatory information

EC Supply Labelling	Non hazardous	
R-Phrases	None	
S-Phrases	Optional for dusty powders, which may occur when product dries out S20/21 when using do not eat, drink or smoke S38 in case of insufficient ventilation wear suitable respiratory equipment	
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA	% in product
Dusts - total inhalable	10	--
Dusts - total respirable	5	--

* 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 LUG(2), V(1), DV(2), VS(1)

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 Pottery crafts 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 Pottery crafts Ltd are used in conjunction with, or instead of Pottery crafts 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 Pottery crafts 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.

27 September 2011