



SAFETY DATA SHEET

AMACO VELVET UNDERGLAZE COLOURS

1. Identification of the preparation

Velvet Underglaze Colours:	V301, V302, V303, V304, V308, V309, V310, V313, V314, V315, V316, V318, V320, V321, V322, 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.
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Chemical name	Mixture of chemical and minerals.
Synonyms	None

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	The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

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 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 a 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

11. Toxicological Information

Acute Toxicity	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 (refer to HSE Guidance note EH40)	Mg/m ³	8 hr TWA	% in product
Dusts – total inhalable		10	-
Dusts – total respirable		5	-

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

References	
COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96	Chemicals (Hazardous 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 COSHH regulations.
Footnote	
Liability	Such information is the best of Clayman Supplies



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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 2829

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.