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SAFETY DATA SHEET

2405	METALLIC GOLD (CERAMIC GLAZE)
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1. Identification of substance/preparation and of the company undertaking

Trade Name:	2405 –Metallic Gold glaze
Chemical Name:	
Synonyms:	

2. Composition /information on ingredients

Component	CAS	EINECS	% of composition
Hazardous component is lead			

3. Hazards Identification

Inhalation	Excessive exposure may cause symptoms of chronic lung disease and lead poisoning
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 materials 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 Hazards

Extinguishing Media	Suitable for surrounding fire conditions
Special Exposure hazard	In the event of fire the product may emit harmful or toxic fumes
Personal protective equipment	Self-contained breathing apparatus



6. Accidental Release Measure	
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 Protection	
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	
Form	Coloured powder
Odour	Odourless
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising Properties	None
Specific gravity	3-5
pH value	7 (insoluble in water)
Melting Point (°C)	Not applicable

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 toxicology	LD ₅₀	Oral	>2000 mg/kg
	LD ₅₀	Dermal	Not known
	LD ₅₀	Inhalation	Not known
Health effects	<p>Prolonged or repeated exposure above Occupational Exposure Standards may cause lead to accumulate in the body. In serious cases, this may cause anaemia and damage to the kidneys and central nervous system.</p> <p>Lead in the blood of pregnant women may affect the development of the unborn child.</p> <p>Persons exposed to lead compounds should have regular health checks which should include lead in blood monitoring</p>		

12. Ecological Information	
Ecotoxicity	Not known
Persistence	Not known

13. Disposal Considerations	
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	TOXIC T (in accordance with CHIP 2)
R-Phrases	R20/22 Harmful by inhalation and if swallowed R33 Danger of cumulative effects R61 May cause harm to unborn child R62 Possible risk of impaired fertility
S-Phrases	S13 Keep away from food, drink and animal feeding stuffs S20/21 When using, do not eat, drink or smoke S22 Do not breathe dust S28 After contact with skin, wash immediately with plenty of water S45 In case of accident or feeling unwell seek medical advice S53 Avoid exposure – obtain special instructions before use
UK Occupational exposures limits*	Mg/m ³ hr TWA % in product
Lead compounds (as Pb)	0.15

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

Disclaimer
<p>The information contained in this safety data sheet has been prepared using the best available information, however in view of technical developments this may alter.</p> <p>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.</p> <p>Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.</p>