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SAFETY DATA SHEET

2409	SIZZLING ORANGE (CERAMIC GLAZE)
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1. Identification of substance/preparation and of the company undertaking	
Trade Name:	Sizzling Orange Glaze
Chemical name:	Mixture of chemicals
Synonyms	None

2. Composition /information on ingredients			
Component	CAS	EINECS	% of composition
Hazardous component is Lead	65997-17-3		10% pb
Cadmium pigments			10% Cd
The threshold for Toxic Classification under CHIP 2 is 0.5% Pb			

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 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 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	
Appearance & Odour	Odourless coloured powder
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	3-5
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 toxicology	LD50	Oral	>2000 mg/kg
	LD50	Dermal	Not known
	LD50	Inhalation	Not known
Health Effects	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. Lead in the blood of pregnant women may affect the development of the unborn child. Persons exposed to lead compounds should have regular health checks which should include lead in blood monitoring		

12. Ecological Information	
Ecotoxicity	No specific data available but not expected to be hazardous
Persistence	No specific data available but not expected to be hazardous

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	Harmful Xn (in accordance with CHIP 2)		
R Phrases	R20/22	Harmful by inhalation and if swallowed and in contact with skin	
	R33	Danger of cumulative effects	
	R61	May cause harm to the unborn child	
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	
UK Occupational exposures limits (Refer to HSE Guidance note EH40)	Mg/m³	8 hr TWA	% in product
Lead compounds (as Pb)			
All products containing lead compounds are subject to the Control of Lead at Works Regulations 1980, via the HSC Approved Code of Practice 1985.			

16. Other Information	
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 COSHH regulations.