

Material Safety Data Sheet



CESCO
Glazes & Colours

FW5674 Intense Black Stain

This substance is not classified as hazardous according to criteria of Worksafe Australia.

Company Details	Walker Ceramics 2/21 Research Drive, Croydon South, Victoria 3136, Australia Telephone (03) 8761 6322 Fax (03) 8761 6344 Email sales@walkerceramics.com.au Website www.walkerceramics.com.au Date Of Issue: April 2014
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IDENTIFICATION

Product Name	Intense Black Stain
Other Names	None
Manufacturers Product Code	FW5674
UN Number	N/A
Dangerous Goods Class & Subsidiary Code	N/A
Hazchem Code	N/A
Poisons Schedule Number	N/A
Use(s)	Decoration of ceramic & pottery ware.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance	Fine black powder.
Boiling Point / Melting Point	>400 C
Vapour Pressure	Not applicable
Specific Gravity	Not applicable
Flashpoint	Not applicable
Flammability Limits	Non-flammable.
Solubility in Water	Not applicable
Other Properties	This product is a mixture of various metal oxides, salts and some compounds, considered to be a nuisance dust, are interfused to form the final product, which does not represent individual components.

INGREDIENTS

Chemical Name	CAS Number	Proportion (%)
Iron Cobalt Chromite Spinel	68186-97-0	100

HEALTH HAZARD INFORMATION

Acute	
Swallowed	Toxicity by this route is of a low order.
Eye	Dust may cause irritation to eyes.
Skin	Dust may cause irritation and dryness of the skin.
Inhaled	Breathing dust may cause respiratory irritation and disabling progressive pulmonary fibrosis due to the free quartz silica.
Chronic	Prolonged or repeated exposure may cause skin, mucous membrane and eye irritation. It may also cause iron deficiency. Chromium, Iron and their certain compounds are deemed a possible cancer hazard. Long-term exposure to silica dust can cause silicosis, which is characterized by shortness of breath, coughing, chest discomfort. Elemental manganese fumes and dust, when in high concentration may cause damage to the central nervous system with symptoms including sleepiness, weakness, emotional disturbances, spastic gait, mash-like facial expressions and paralysis.

FIRST AID

Swallowed	Rinse mouth. Do not induce vomiting. Consult doctor.
Eye	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention if irritation persists.
Skin	Remove contaminated clothing. Wash thoroughly with soap and water.
Inhaled	Keep patient calm and remove to fresh air. Give oxygen if necessary.
First Aid Facilities	Ensure an eye bath is available and ready for use.
Advice To Doctor	Treat symptomatically based on judgement of doctor and individual reactions of patient.

PRECAUTIONS FOR USE	
Exposure Standards CAS# 7440-47-3	Chrome Oxide as Chrome (as Cr) NOHSC TWA 0.5 mg/m ³
CAS# 7440-48-4	Cobalt Metal, dust and fume, (as Co) NOHSC TWA 0.05 mg/m ³ (Sensitiser)
CAS# 7440-02-0	Nickel, Metal and insoluble compounds (as Ni) NOHSC TWA 1.0 mg/m ³ (Sensitiser)
CAS# 7439-96-5	Manganese Compounds as Manganese NOHSC TWA 1.0 mg/m ³
CAS# Not Listed	Nuisance Dusts NOHSC TWA: 10.0 mg/m ³ (Inspirable dust)
	Pigments are formed by high temperature calcinations. Therefore, they do not necessarily have any of the properties of their component oxides or metals.
	TWA = Time Weighted Average NOHSC =National Health & Safety Commission
Engineering Controls	Ensure workplace is well ventilated.
Personal Protection	Respiratory Protection: A particulate respirator Class P2 conforming to AS1716 suitable for dust should be worn when this material is being used. Protective Gloves: Cotton work gloves should be worn. Eye Protection: Wear general use industrial goggles or safety glasses. Clothing: Clean full-length overalls should be worn. Safety Boots: Safety boots should be worn.
Flammability	Not applicable

SAFE HANDLING INFORMATION	
Storage & Transport	No special transport requirements are necessary. Store in a cool, dry, well ventilated area away from food, drink and animal feeding stuffs. Wear personal protective equipment and wash thoroughly after handling. Containers are to be kept closed when not in use to avoid generating dusts and minimise contamination.
Spills & Disposal	Transfer material via scoop or vacuum to closed containers for re-use or disposal. Minimise the generation of dusts. Wear apron, rubber gloves, chemical goggles or safety glasses. Wash clothes before re-use. No special environmental precautions required. Disposal should be in accordance with local, state, and federal regulations.
Fire / Explosion Hazard	FLAMMABILITY: Not Flammable. Fire/Explosion Hazard: Material is not combustible and will not burn in a fire. Extinguishing Media: Use water spray, dry chemical, CO ₂ , or foam as required for fighting surrounding fire.. HAZCHEM CODE: None allocated

OTHER INFORMATION	
	Ecotoxic effects: no data available

CONTACT POINT	
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This MSDS summarises, at the date of issue, our best knowledge of the health & safety hazard information for this product, and in particular how to safely handle and use this product in the workplace. Since Walker Ceramics and its agents cannot anticipate or control the conditions under which this product may be used, each user must prior to usage, review this MSDS in the context of how the user intends to handle and use this product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact us.

Our responsibility for products sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.