



# SAFETY DATA SHEET

## SPRAY-ON-CRETE COLOUR OXIDE

Issued: September 2020

Non-Hazardous according to criteria of Safe Work Australia

### 1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

**Product Name:** SPRAY-ON-CRETE COLOUR OXIDE  
**Major Recommended Use:** Colouring component for Spray-On-Crete system.  
**Company:** Australian Slate-Crete Supplies Pty Ltd  
**ABN:** 35 051 984 993  
**Address:** 12 Yale Drive, Epping, Victoria, 3076  
**Telephone Number:** 61 (03) 9408 7722  
**Emergency/AH telephone:** 0410 542 100  
**Web site:** www.australianslatecrete.com.au

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

**Signal word:** Not applicable

**Hazard statements:** None applicable

**Precautionary statements:**

Prevention	P261	Avoid breathing dust.
	P262	Do not get in eyes, on skin, or on clothing.
	P264	Wash contacted areas thoroughly after handling.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	P301+330+331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302+335+352 IF ON SKIN: Brush off loose particles from skin. Wash with plenty of water. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
Storage	P402+404	Store in a dry place. Store in a closed container.
Disposal	P501	Dispose of contents/ container as general waste.
<b>Hazard Codes:</b>	Not applicable	
<b>Risk Statements:</b>	None applicable	
<b>Safety Statements:</b>	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S39	Wear eye/face protection.
	S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this SDS, container or label.

**Poisons Schedule:** Not scheduled

**ADG CLASS:** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Not regulated for transport of Dangerous Goods: UN, IATA, IMDG

**Signs and Symptoms of Exposure (Acute effects): as supplied in powder form or in use as a liquid solution**

**Swallowed:** Non-toxic and non-irritant under normal use and handling conditions.

**Eye:** May cause irritation due to its particulate nature.

**Inhaled:** Exposure to dust at room temperature is an unlikely route of exposure due to its low dusting nature.

**Chronic:** Prolonged or repeated skin contact is unlikely to result in irritation, dermatitis, or sensitization.

**Emergency Overview:** Based on our experience and the information available for this type of material, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion	Classification
Non-hazardous ingredients below reportable concentrations		100%	Not hazardous
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1		
Iron oxide (Fe <sub>3</sub> O <sub>4</sub> )	1317-61-9		
Iron hydroxide oxide (FeO <sub>2</sub> H)	20344-49-4		
Dichromium Trioxide (Cr <sub>2</sub> O <sub>3</sub> )	1308-38-9		
Titanium dioxide	13463-67-7		

**Description:** The range of colours may contain any of the ingredients listed above, alone or blended.

## 4 FIRST AID MEASURES

<b>First Aid Facilities:</b>	Eyewash fountains and safety showers should be available for emergency use.
<b>Swallowed:</b>	Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Seek medical attention if symptoms develop.
<b>Eye:</b>	Quickly and gently brush particles from eyes. Immediately flush the contaminated eye with gently flowing water until the particles are removed, while holding the eyelid open. Seek medical attention if irritation develops or if particles are lodged in surface of the eye. Take special care if exposed person is wearing contact lenses.
<b>Skin:</b>	Gently brush away excess solids. Irritation is unlikely however, if irritation does occur, flush with gently flowing water for 5 minutes or until colour oxide is removed.
<b>Inhaled:</b>	Not considered applicable, however, if any effects are perceived, move patient to fresh air
<b>Advice to Doctor:</b>	Treat symptomatically. If in doubt, consult Poisons Information Centre on 13 11 26.

## 5 FIRE FIGHTING MEASURES

**NON-FLAMMABLE, NON-COMBUSTIBLE substance**

**Suitable Extinguishing Media:** Presents no known fire or explosive hazards and forms no known hazardous decomposition products. Treat fire for materials actually involved in the fire.

**Special Exposure Hazards (fire fighting):** Sudden reaction with fire may result if product is mixed with an oxidizing agent.

**Special Fire Fighting Procedures:** No special requirements specific to this product.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear protective clothing, boots, gloves, and eye protection. (refer Section 8.2)
<b>Methods for Cleaning Up:</b>	Dampen down to prevent spread by wind. Shovel or sweep up spilled material and dispose of or recycle. If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container.. Flush area with water spray.  Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.
<b>Reference to other sections</b>	See Also Section 8.

## 7 HANDLING &amp; STORAGE

<b>Precautions for safe handling</b>	No special measures necessary provided product is used correctly.  Avoid contact with eyes and skin. Avoid generation of dust. Provide adequate ventilation. Emergency shower and eye wash facilities should be readily available. See also Section 8
<b>Conditions for safe storage, including incompatibilities</b>	Keep only in the original packaging in a cool, dry, well ventilated place. Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE) Avoid contact with strong acids, strong bases, strong oxidizing agents, strong reducing agents See also Section 10.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

SUBSTANCE	Occupational Exposure Limits
All components	No Occupational Exposure Limits assigned.

**Exposure controls**

Wear protective equipment to comply with good occupational hygiene practice. Do not eat, drink or smoke at the work place.

**Appropriate engineering Controls**

Conventional airflow is generally considered to be acceptable. Engineering methods to prevent or control exposure include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

**Personal Protection:**

## Respiratory protection

Respiratory protection not normally required. If engineering controls are not effective in controlling airborne exposure, then an approved respirator or dust mask should be used. Refer Australian Standards AS/NZS 1715 and 1716 for more information.

## Eye/face protection

Safety glasses with top and side shields, goggles or face shield. Refer Australian Standards AS 1336 and AS/NZS 1337 for more information.

## Skin protection

No special protective work wear is required.

**Environmental Exposure Controls**

This product is non-reactive in the environment. There is a high probability that the product is not acutely harmful to aquatic organisms.

## 9 PHYSICAL &amp; CHEMICAL PROPERTIES

Appearance:	Fine powdered solid in a variety of colours
Smell:	No characteristic odour
pH (10% aqueous solution):	5 – 8
Boiling Point (@760mm Hg):	Not known
Melting Point:	> 1000°C
Flashpoint (°C):	Not applicable
Flammability:	Non Flammable
Auto-Ignition Temperature:	Non Flammable
Explosive Properties:	Airborne dust is not an explosion hazard
Explosive Limits:	Not applicable
Oxidizing Properties:	Not applicable
Vapour Pressure (mm Hg):	Not applicable
Vapour Density:	Not applicable
Solubility in Water:	Insoluble
Solubility in Ethanol:	Insoluble
Solubility in n-Octanol:	Insoluble
Solubility in NaOH caustic solutions	Insoluble
Specific Gravity:	4.0 – 5.3 (depending upon colour)
Bulk Density:	0.3 – 1.0
Per cent Volatiles:	< 3% water
Volatile Organic Compounds:	Nil

## 10 STABILITY &amp; REACTIVITY

**Conditions to Avoid:**

No data.

**Incompatibility (materials to avoid):**

Strong acids.

**Hazardous Decomposition Products:**

No hazardous decomposition products can form.

**Hazardous Transformation Products:**

Will not occur.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	
<b>Acute Oral Toxicity</b>	Based on available data, the classification of toxicity criteria are not met.
<b>Acute Inhalation Toxicity</b>	Based on available data, the classification of toxicity criteria are not met.
<b>Acute Dermal Toxicity</b>	Based on available data, the classification of toxicity criteria are not met.
<b>Sensitization</b>	Based on available data, not sensitizing.
<b>Mutagenicity</b>	Based on available data, no evidence of genotoxicity.
<b>Carcinogenicity</b>	No structural alerts. IARC, NTP, OSHA, ACGIH do not list this product as known or suspected carcinogen.
<b>Reproductive toxicity</b>	Based on available data, no evidence of reproductive toxicity or developmental toxicity.
<b>STOT – single exposure</b>	Not classified.
<b>STOT – repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Other information</b>	None

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available. There is a high probability that the product is not acutely harmful to aquatic organisms.
<b>Environmental Fate:</b>	No data available.
<b>Persistence and degradability</b>	The product has not been tested. Based on the properties of the individual components product is not expected to be acutely harmful to aquatic organisms.
<b>Bioaccumulation potential</b>	No data available. Discharge into the environment must be avoided.
<b>Additional information</b>	Other ecotoxicological advice: Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

## 13 DISPOSAL CONSIDERATIONS

<b>Precautions:</b>	Refer to Section 7 before handling the product or containers.
<b>Waste disposal:</b>	Recover or recycle if possible. Otherwise: dispose of this material and its container to hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.
<b>Product disposal:</b>	Recover or recycle if possible. If not contaminated with other materials, product may be disposed of as general waste or to landfill. Otherwise: dispose of this material and its container to hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.
<b>Container disposal:</b>	Empty and wash container thoroughly. Container (HDPE) may be recycled.

## 14 TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Mode	Regulations	Class	Packing Group	Notes
-	UN	None allocated	Not applicable	
Sea	IMDG	None allocated	Not applicable	This material is not classified as dangerous under IMDG regulations
Road/Rail	ADG Code	None allocated	Not applicable	This material is not classified as dangerous according to the Australian Dangerous Goods Code
Air	IATA/ICAO	None allocated	Not applicable	This material is not classified as dangerous under IATA regulations

## 15 REGULATORY INFORMATION

**GHS Classification:** NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

**Full text of GHS Statements referred to under sections 2 and 3.**

**Hazard statements:** None applicable

**Precautionary statements:**

Prevention	P261	Avoid breathing dust.
	P262	Do not get in eyes, on skin, or on clothing.
	P264	Wash contacted areas thoroughly after handling.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	P301+330+331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
	P302+335+352	IF ON SKIN: Brush off loose particles from skin. Wash with plenty of water.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	P402+404	Store in a dry place. Store in a closed container.
Disposal	P501	Dispose of contents/ container as general waste.

**EEC Council Directives relating to the classification, packaging and labelling of dangerous substances and preparations Risk (R) and Safety (S) phrases:**

**Risk Statements:** None applicable

<b>Safety Statements:</b>	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S39	Wear eye/face protection.
	S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this SDS, container or label.

## 16 OTHER INFORMATION

**Uses and restrictions:** Pigment blend/mixture for use in the concrete industry.

**SDS distribution:** The information in this document should be made available to all who may handle the product.

**Reference:** The content and format of this safety data sheet is in accordance with the 3rd Revised Edition of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals (2011)

**Issue Date:** 15<sup>th</sup> September, 2020

**Reason for Issue:** Supersedes previous issue dated 29<sup>th</sup> November, 2016  
Updated manufacturer and contact details

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising from or in any way connected with the handling, storage, use or disposal of the material