

# Material Safety Data Sheet

**CONPELL Pty Ltd.**

Issue Date December 16, 2019

Epo Flake

Version 3

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## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Chemical Nature:** Coating additive.  
**Trade Name:** Epo Flake  
**Product Use:** Concrete additive.  
**Product Code:** CPEF  
**Creation Date:** December 2019  
**This version issued:** December 2019 and is valid for 5 years from this date.

**THIS VERSION ISSUED: DECEMBER 2016 AND IS VALID FOR 5 YEARS FROM THIS DATE.**

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

### SUPPLIER CONTACT INFORMATION:

**Name :** Conpell Pty. Ltd.

**Address :** Unit 2, 4 Elderslie Drive, Yatala Qld 4207, PO Box 4252 Loganholme DC Qld 42129 **Telephone :** 61.1300 966 118

**Website :** www.conpell.com

**Email :** info@conpell.com

**Emergency :** 0433 400 220(24 hours, 7 days a week)

## SECTION 2 - HAZARDS IDENTIFICATION

### Statement of Hazardous Nature

This product is not classified as hazardous according to the criteria of NOHSC.

Not subject to the ADG Code when transported in Australia by Road or Rail.

**UN Number:** N/A

**GHS Classification** Not hazardous: intentionally left blank.

**GHS Pictograms** Not hazardous: intentionally left blank.

**Hazard statement** Not hazardous: intentionally left blank.

**Hazard statements** Not hazardous: intentionally left blank.

**Precautionary statements** Not hazardous: intentionally left blank.

**Hazardous goods classification** NR.

**Poisons schedule** NR

**Signal warning** None.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc, %
Mica	12001-26-2	100%

## SECTION 4 - FIRST AID MEASURES

**General Information:** You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** Using proper respiratory protection, immediately remove victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

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**Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Ingestion:** If swallowed, do NOT induce vomiting. Keep at rest, Seek immediate medical attention.

**First aid facilities:** Provide eye baths and safety showers.

**Medical attention:** Treat according to symptoms.

## SECTION 5 - FIRE FIGHTING MEASURES

Shut off product that may "fuel" a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

**Suitable Extinguishing Media:** Water spray, fine mist, dry chemical or foam. Do not use water jets.

**Hazards from combustion products:** This product will not burn, but is susceptible to decomposition in extreme heat.

**Precautions for Fire Fighters and special protective equipment.** Full protective clothing and self-contained breathing apparatus.

**Hazchem code:** NR

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEEDURES** Prevent product from escaping to drains and waterways. Contain leaking packaging in a contained drum. Prevent vapours or dusts from building up in confined spaces. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

### METHODS AND MATERIALS

#### Major land spills:

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimize the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity".

#### Major water spill:

- Eliminate any sources of ignition

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- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and Stability and Reactivity".

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** This product can become dusty, risking combustion hazard with an ignition source. Keep container closed when not in use. Wear appropriate PPE: to avoid inhalation, skin and eye contact.

**Conditions for safe storage:** Store in cool, dry place away from direct sunlight.. Protect containers from physical damage and check regularly for leaks. Avoid release into the environment, store in bunded areas and ensure exit drains are closed.

**Incompatible Materials:** Not established

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**NATIONAL EXPOSURE STANDARDS:** The time weighted average concentration (TWA) for this product is: None specified; consider 5mg<sup>3</sup> which means the highest allowable exposure concentration in an eight hour day for a 5 day working week. The short term exposure limit (STEL) is: None specified; consider 5mg/m<sup>3</sup>, which is the maximum allowable exposure concentration at any one time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitizer, represented as (Sen), where none applies in this case.

**BIOLOGICAL LIMIT VALUES (BLV):** None specified.

**ENGINEERING CONTROLS:** **Ventilation** – The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

**PERSONAL PROTECTIVE EQUIPMENT** **Respiratory Protection** – Where concentrations in air may approach or exceed the limit described in the National Exposure Standards, it is recommended to use a half-faced filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

**Eye Protection** – Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection** – Always wear long sleeves, long trousers, or coveralls and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical Description &amp; colour:</b>	Solid, lustrous crystalline flakes..
<b>Flash point:</b>	Not established.
<b>Boiling Point:</b>	MP:1500 °C
<b>SG/Density:</b>	2.6 g/ml; kgm <sup>-3</sup> .
<b>Autoignition Temperature:</b>	Not determined.
<b>Vapour Pressure:</b>	Not determined.
<b>Vapour Density:</b>	Not determined.
<b>Explosive limits in air:</b>	Not determined.
<b>Viscosity:</b>	Not determined.
<b>Percent volatiles:</b>	Nil.
<b>Acidity/alkalinity as pH:</b>	Not determined.
<b>Solubility in Water:</b>	Insoluble.
<b>Other solvents:</b>	Insoluble.

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical stability:** Stable at room temperature and pressure.

**Conditions to Avoid:** Strong oxidizing agents, excessive heat, strong acids and bases.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide on decomposition or incomplete oxidation.

**Hazardous reactions:** Strong oxidizing agents, excessive heat, strong acids and bases.

**Hazardous polymerisation:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute effects

**Ingestion:** This product is likely to cause discomfort on swallowing and may result in gastric disturbance and soft tissue irritation.

**Eye contact:** Dusts are irritating to the eye, risking corneal damage. Swift first aid will limit long term damage tissue.

**Skin contact:** Contact with this product may result in mild irritations, evidenced by swelling, redness, and dryness of the affected area.

**Inhalation:** Avoid inhaling dusts of this product. Dust cause irritation to nose, throat, mucous membranes and upper respiratory system. Will result in respiratory disease and complications.

**Chronic effects:** Repeated and prolonged contact with this product may result in irritant dermatitis if PPE precautions are not observed. Individuals with pre-existing skin or respiratory conditions may be sensitive to this product.

**Other health effects information:** Not known.

**Toxicological Information:** Oral LD50: No data available.

Dermal LD50: No data available.

## SECTION 12 - ECOLOGICAL INFORMATION

### Ecotoxicity:

#### Aquatic Toxicology:

Fish Toxicity LC50: No data available.

Daphnia Magna EC50: No data available.

Blue-green algae: No data available.

Green algae: No data available.

**Persistence/Biodegradability:** This product is expected to persist.

**Mobility:** This product is unlikely to be mobile on release to the environment.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal:** Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

**Special precautions.** This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

## SECTION 14 - TRANSPORT INFORMATION

**Transport information:** Not regulated according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, Marine transport, Air transport.

<b>UN No:</b>	NR
<b>Proper shipping Name:</b>	Non-regulated product.
<b>DG Class:</b>	NR
<b>Sub Risk:</b>	None
<b>Packing Group:</b>	NR
<b>Hazchem:</b>	NR

Dangerous goods segregation: This product is not regulated for transport via road and rail.

## SECTION 15 - REGULATORY INFORMATION

<b>Country/Region:</b>	Australia
<b>Inventory:</b>	AICS
<b>Status</b>	Listed
<b>Poisons schedule:</b>	NR

## SECTION 16 - OTHER INFORMATION

**This SDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>GHS:</b>	Global Harmonised System.
<b>IARC</b>	International Agency for Research on Cancer
<b>PPE:</b>	Personal Protective Equipment.
<b>N/R:</b>	Non-regulated.
<b>N/A:</b>	Not applicable.
<b>UN</b>	United Nations

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

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 ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)