

Material Safety Data Sheet

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Nature: Waterbased acrylic emulsion.
Trade Name: **Envirogrip**
Product Use: Aggregate filled Sealer for Concrete and Masonry surfaces.
Product Code: CPEGRC
Creation Date: **November, 2019**
This version issued: **November, 2019** 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 4, 2 Elderslie Road, Yatala Qld 4207. PO Box 4252, Loganholme DC 4129
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

Not classified as hazardous according to the criteria of NOHSC. Classified as Non-Dangerous Goods according to the criteria of the ADG Code.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc,%
Viscosity modifiers	various	< 60
Dispersant	various	< 30
Solvent	various	< 5
Coalescent	various	< 5
Pigment	various	< 5
Water	7732-18-5	, 5

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 the effected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

Skin Contact: Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes and laundry before reuse. Seek medical attention for skin irritations

Eye Contact: Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

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. Avoid gastric lavage – aspiration of product to the lungs may result in chemical pneumonitis.

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 the 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 is flammable and has the potential to develop explosive mixtures with air with extreme heat.
SPECIFIC HAZARDS ARISING FROM PRECAUTIONS FOR FIRE FIGHTERS. <i>Hazchem code</i>	Full protective clothing and self-contained breathing apparatus. <i>NR</i>

SECTION 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES 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
- 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 absorbant 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 will fuel a fire in progress and create toxic vapours on burning. This product will defat the skin with prolonged contact. Wear appropriate PPE: chemical resistant gloves and coveralls. Employ standard industrial hygiene practices when handling this product

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: None specified.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards: The time weighted average concentration (TWA) for this product is: None considered; consider 5g/m³, which means the highest allowable exposure concentration in an eight hour day for a five day working week. The short term exposure limit (STEL) is: None specified; consider 5g/m³ which is the maximum allowable exposure concentration at any 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:

Eye Protection: Protective glasses, goggles or face shield should be worn when this product is being used.

Skin Protection: If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing long sleeves, long trousers or coveralls, safety boots and impervious gloves, make sure that all skin areas are covered. See below for suitable material types.

Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type A filter material is considered suitable for this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description & colour:	White liquid.
Flash point	>95.
Boiling Point:	>100°C
SG/Density @15 degrees C	1.68
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	No data.
Explosive limits in air	Not determined
Water Solubility:	Partially miscible in water.
Acidity/alkalinity as pH:	No data.
Volatility:	<25.
Other solvents:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Viscosity:	Not determined
Autoignition temp:	>200.

The values listed are indicative of this products physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable at room temperature and pressure.

Conditions to Avoid: Strong oxidizing agents, excessive heat.

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

Hazardous reactions: Strong oxidizing agents, excessive heat, heat.

Hazardous polymerisation: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute effects

Ingestion: This product will cause irritation to the throat and tube to the stomach and may cause nausea. Vomiting may cause the product to be aspirated to the lungs possibly resulting in chemical pneumonitis.

Eye contact: Eye contact with this product may cause redness and swelling with a burning sensation and blurred vision. The severe temporary effects can be reversed with immediate first aid.

Skin contact: This product will result in defatting of the skin with prolonged or repeated contact. Drying and cracking of skin risks the possible absorption of other chemical products potentially in use.

Inhalation: Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature are not obvious. Aspiration of product will result in chemical pneumonitis and tracheal burning.

Chronic effects: Repeated and prolonged contact with this product may result in irritation if PPE is not observed.

Other health effects information: Persons with pre-existing skin conditions will be sensitive to this product.

Toxicological Information: Oral LD50: Do data consider >5g/kg.
Dermal LD50: No data consider >5g/kg.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic Toxicology:

Fish Toxicity LC50:	This product is considered harmful to the aquatic environment.
Daphnia Magna EC50:	This product is considered harmful to the aquatic environment.
Blue-green algae:	This product is considered harmful to aquatic plant life.
Green algae:	This product is considered harmful to aquatic plant life.

Persistence/Biodegradability: Elements of this product are expected to persist.

Mobility: This product is mobile on dilution, risking contamination of grasslands and waterways..

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, Rail, Marine or Air.

UN No:	NR
Proper shipping Name:	Polymer emulsion.
DG Class:	NR
Sub Risk:	None
Packing Group:	NR
Hazchem:	NR

Dangerous Goods Segregation: This product is not regulated for Transport via Road, Rail or Air.

SECTION 15 - REGULATORY INFORMATION

Country/Region:	Australia
Inventory:	AICS
Status	Listed
Poisons schedule:	None

SECTION 16 - OTHER INFORMATION

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

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

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)