Con-Treat Pty Ltd
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SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: January 17

PRODUCT: Grip'n Seal

Other Names: Industrial Coating

Uses: Protective Coatings

Signal Word: None

UN No.:	NR
Dangerous Goods Class:	NR
Subsidiary Risk:	None
Packing Group:	NR
Hazchem Code:	NR
Poisons Schedule:	None

Hazardous Nature:	This product is classified as not hazardous under the GHS criteria.
Hazard Statement:	Not hazardous: intentionally left blank
GHS Classification:	No GHS Hazard Classification applies

Physical Characteristics (Typical) — Section 9 of the SDS

Appearance	white liquid
Boiling Point/Range (°C):	> 100
Flash Point (°C):	> 95
Specific Gravity/Density (g/ml @ 15°C):	1.68
pH:	Not determined
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Strong oxidising agents, excessive heat

Product Ingredients — Section 3 of the SDS

Ingredient	CAS Number	Proportion
Viscosity modifiers	various	< 60
Dispersant	various	< 30
Solvent	various	< 5
For further ingredients information, please refer to the full MSDS		

GHS Pictograms — Section 2 of the SDS

Not hazardous: intentionally left blank

DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

SUMMARY INFORMATION ONLY

1. IDENTIFICATION

Product Name:	Grip'n Seal
Other Names:	Industrial Coating
Chemical Family:	Water Based Texture Coating
Molecular Formula:	Not Available
Recommended Use:	Protective Coatings
Supplier:	Con-Treat Pty Ltd.
ABN:	35 123 222 328
Address:	Unit 11, 80-82 Township Drv QLD 4220
Telephone:	1300 044 625
Fax:	
Emergency Phone:	131 126
All other inquiries:	

2. HAZARDS IDENTIFICATION

Hazard Nature

This product is classified as not hazardous under the GHS criteria.

GHS Classification

No GHS Hazard Classification applies

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

Dangerous Goods Classification NR

Poisons Schedule None

Signal Word None

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% v/v)
Viscosity modifiers	various	< 60
Dispersant	various	< 30
Solvent	various	< 5
Coalescent	various	< 5
Pigment	various	< 5
Water	7732-18-5	< 5

4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

Eye Contact

Flush eyes with large amounts of water until irritation subsides. 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 launder before reuse. Seek medical attention for skin irritations.

Inhalation

Using proper respiratory protection, immediately remove the affective victim from exposure. Administer artificial respiration if breathing has stopped. 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.

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, however toxic gases may be released with excessive heating

Precautions for fire fighters and special protective equipment

Full protective clothing and self-contained breathing apparatus

Hazchem Code

NR

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

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

Methods and materials for containment

Major Land Spill

- 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 minimise 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 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".

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 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 a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

Incompatible Materials

None specified

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: None specified; consider 5 g/m^3, 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 5 g/m^3, 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 sensitiser, 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 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	white liquid
Boiling Point/Range	°C	> 100
Flash Point	°C	> 95
SG/Density (@ 15°C)	g/ml; kgm^{-3}	1.68
Vapour Pressure @ 20°C	kPa	Not determined
Vapour Density @ 20°C	g/ml; kgm^{-3}	Not determined
Autoignition Temperature	°C	> 200
Explosive Limits in Air	% vol/vol	Not determined
Viscosity @ 20°C	cPs, mPas	Not determined

Property	Unit of measurement	Typical Value
Percent volatiles	% vol/vol	< 25
Acidity/alkalinity as pH	None	Not determined
Solubility in Water	g/l	Partially miscible with water
Other solvents	-	Not determined

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

10. STABILITY AND REACTIVITY

Chemical stability

Stable at room temperature and pressure

Conditions to avoid

Strong oxidising agents, excessive heat

Hazardous decomposition products

Carbon dioxide, carbon monoxide on decomposition or incomplete oxidation

Hazardous reactions

Strong oxidising agents, excessive heat

Hazardous polymerisation

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

This material 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 will 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 or prolonged contact with this product will result in irritant contact dermatitis if PPE precautions are not observed.

Other Health Effects Information

Persons with pre-existing skin conditions will be sensitive to this product.

Toxicological Information

Oral LD_{50}: No data available

Dermal LD_{50}: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC_{50}: This product is considered harmful to the aquatic environment
Daphnia Magna EC_{50}: 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.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

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.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	NR	**UN No.**	NR	**UN No.**	NR
Proper Shipping Name	Polymer Emulsion	**Proper Shipping Name**	Polymer Emulsion	**Proper Shipping Name**	Polymer Emulsion
DG Class	NR	**DG Class**	NR	**DG Class**	NR
Sub. Risk	None	**Sub. Risk**	None	**Sub. Risk**	None
Packing Group	NR	**Packing Group**	NR	**Packing Group**	NR
Hazchem	NR	**Hazchem**	NR	**Hazchem**	NR

Dangerous Goods Segregation

This product is not regulated for Transport via Road and Rail.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Reasons for Issue: Upgrade to GHS SDS; amalgamated supplier and regulatory changes in all sections.

Abbreviations:

AICS: Australian Inventory of Chemical Substances
CAS Number: Chemical Abstracts Number
GHS: Global Harmonised System
IARC: International Agency for Research on Cancer
PPE: Personal Protective Equipment

N/R: Non-regulated
N/A: Not applicable
UN: United Nations

References:

- Supplier Safety Data Sheets
- http://hsis.safework.gov.au/SearchHS.aspx (January 17)
- Animal toxicology data: http://chem.sis.nlm.nih.gov/chemidplus (January 17)
- Ecotoxicology data: http://cfpub.epa.gov/ecotox/quick_query.htm (January 17)
- *Sax's Dangerous Properties of Industrial Materials,* Richard J Lewis Snr., pub. Canada (2005)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Con-Treat Pty Ltd.