

Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier	Liquid Rubber Neopond Sealant
Other Means of Identification	CP-100
Recommended Use	Single component protective waterproof coating
Restrictions on Use	Between 5 °C and 60 °C
Initial Supplier Identifier	Liquid Rubber Canada Inc. #16-1150 Eighth Line, Oakville, Ontario, Canada L6H2R4 1-855-592-1049 Between the hours of 8:30 am – 5:00 pm Monday to Friday CANUTEC 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone

SECTION 2. HAZARD IDENTIFICATION

Classification: OSHA Regulatory Status. This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Reproductive Toxicity Category 1B

Label Elements



Signal Word:	Danger
Hazard Statements:	May cause skin irritation May cause eye irritation May cause respiratory irritation May damage the unborn child May cause damage to organs through prolonged or repeated exposure
Appearance:	Black
Physical State:	Liquid
Odor:	Slight

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%w/w)	Common Name / Synonyms	Other Identifiers
Polychloroprene	9010-98-4	30-60	Polychloroprene, styrene-butadiene emulsions	n/a
Resin acids and Rosin acids, sodium salts	61790-51-0	0.5-2.0	emulsifiers	n/a
2,2'-Iminodiethanol (Diethanolamine)	111-42-2	<0.5	Silica Sand, Calcium Carbonate	n/a
Complex blend of dispersed polymers	9003-55-8 25085.34-1	30-60	Polystyrene acrylate and styrene butadiene copolymers	n/a
Water	7732-18-5	5-25	n/a	n/a
1-Methyl-2-pyrrolidinone	872-50-4	0.2%	NMP	n/a

SECTION 4. FIRST-AID MEASURES

Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact:	This is an alkaline product. If splashed on the skin immediately wash thoroughly with fresh water. If the product has dried on the skin massage the area with medical grade mineral oil, baby oil or edible oil, then wash with soap and water. If irritation persists seek medical attention
Eye Contact:	Flush thoroughly with fresh water for at least ten minutes. Seek medical attention
Ingestion:	DO NOT INDUCE VOMITING. Seek medical attention.

Most Important Symptoms and Effects, Acute and Delayed:

Symptoms/injuries after inhalation	May cause respiratory tract irritation.
Symptoms/injuries after skin contact	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Immediate Medical Attention and Special Treatment:	Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media:	
Suitable Extinguishing Media:	Carbon Dioxide, dry chemical powder, appropriate foam, water spray or fog, non-combustible material such as dry sand or earth.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Product:	Fire may release toxic combustion products such as smoke, fume, CO, CO ₂ , and SO ₂ .
Special Protective Equipment and Precautions for Fire-Fighters:	Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Take proper precautions to ensure your own health and safety before attempting spill control or cleanup. Isolate the area of the spill and restrict access. Wear appropriate protective equipment as described in Section 8. Waste disposal method: Follow federal, provincial and local regulations regarding disposal.
Methods for Containment and Cleaning Up	For containment, soak up with inert absorbent material, remove with shovels and place spilled material into a container. Transfer liquids and solid material to suitable containers for recovery or disposal. Do not allow spills and cleaning runoff to enter drains, sewers, groundwater, drainage ditches or surface waters.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing dust, fume, gas, mist, vapours, or spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
Conditions for Safe Storage	Store within the temperature range 10-50C. Keep out of reach of children. Keep container tightly closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls:	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection:	Wear suitable gloves.
Eye Protection:	Chemical goggles or safety glasses.
Skin and body protection:	Wear suitable protective clothing.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls:	Maintain levels below Community environmental protection thresholds.
Other information:	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Component	ACGIH TLV® TWA (mg/m ³)	ACGIH TLV® STEL (mg/m ³)	OSHA PEL TWA (mg/m ³)
2,2'-Iminodiethanol (Diethanolamine)	0.46 ppm	2 mg/m ³	Not Established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid, grey, black
Odour	Characteristic odour.
Odour Threshold	No data available
pH	8.5-10.5
Melting Point and Freezing Point	0° C
Initial Boiling Point and Boiling Range	<100°C
Flash Point	n/a
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper and Lower Flammability or Explosive Limit	No data available
Vapour Pressure	No data available
Vapour Density (air = 1)	No data available
Relative Density (water = 1)	1.05
Solubility in Water	Dispersible
Solubility in Other Liquids	No data available
Partition Coefficient, n-Octanol / Water (Log Kow)	No data available

Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	5000-10000 CPs (Brookfield)

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Stable
Chemical Stability:	Will react with alkaline sensitive materials such as acids and certain metals
Possibility of Hazardous Reactions:	Long term contact, such as extended immersion of reactive metals such as aluminum or magnesium in the liquid form could result in gas formation.
Conditions to Avoid:	Alkaline sensitive materials
Incompatible Materials:	Water insoluble solvent
Hazardous Decomposition Products:	Normally stable but when decomposed, hazardous products such as hydrogen chloride and aldehydes may be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin contact, Eye contact, Ingestion

Skin Corrosion / Irritation	See Section 4 above
Serious Eye Damage / Irritation	See Section 4 above
STOT (Specific Target Organ Toxicity) - Single Exposure	No Data Available
Aspiration Hazard	No Data Available
STOT (Specific Target Organ Toxicity) - Repeated Exposure	No Data Available
Respiratory and/or Skin Sensitization	No Data Available

Carcinogenicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
1-Methyl-2-pyrrolidone 872-50-4	= 3914 mg/kg (Rat)	= 8 g/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h
2,2'-Iminodiethanol (Diethanolamine)	12,200 mg/kg	710 mg/kg rat (Rabbit)	N/A

Reproductive Toxicity

Development of Offspring:	n/a
Sexual Function and Fertility:	n/a
Effects on or via Lactation:	n/a
Germ Cell Mutagenicity:	n/a
Interactive Effects:	n/a

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 30 % of the mixture consists of ingredient(s) of unknown toxicity The following values are calculated based on chapter 3.1 of the GHS document.

Oral LD50 56,037.00 mg/kg mg/l

SECTION 12. ECOLOGICAL INFORMATION (section heading must appear; all content is optional)

Ecotoxicity: Harmful to aquatic life with long lasting effects 56.25609378 % of the mixture consists of component(s) of unknown hazards to the aquatic environment
 Persistence and Degradability: n/a
 Bio accumulative Potential: n/a
 Mobility in Soil: n/a
 Other Adverse Effects: n/a

SECTION 13. DISPOSAL CONSIDERATIONS (section heading must appear; all content is optional)

Disposal Methods: In the event of a spill: Dike and contain, transfer to containers for recovery or disposal. Keep out of sewers.
 Waste disposal: Follow federal, provincial and local regulations regarding disposal.

SECTION 14. TRANSPORT INFORMATION (section heading must appear; all content is optional)

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not regulated	n/a				

Special Precautions: Not classified as dangerous in the meaning of transport regulations.
 Environmental Hazards: n/a
 Transport in Bulk According to Annex II Not regulated of MARPOL 73/78 and the IBC Code:

SECTION 15. REGULATORY INFORMATION (section heading must appear; all content is optional)

International Inventories
 TSCA On the inventory, or in compliance with the inventory. DSL/NDSL All components of this product are on the DSL.

Legend:
 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations:
SARA 313
 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
1-Methyl-2-pyrrolidone - 872-50-4	1.0

SARA 311/312 Hazard Categories

Acute health hazard No
Chronic Health Hazard Yes
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

WARNING!



Chemical Name California Proposition 65
Ethylene oxide - 75-21-8 Carcinogen

Chemical Name	California Proposition 65
Ethylene oxide - 75-21-8	Carcinogen

Developmental, Female Reproductive, Male Reproductive

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
1-Methyl-2-pyrrolidone - 872-50-4	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number
Not Available.

SECTION 16. OTHER INFORMATION

NFPA Health hazards 1 Flammability 0 Instability 0 Physical and Chemical Properties - HMIS Health hazards
1 Flammability 0 Physical hazards 0 Personal protection X

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