

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: REZI-WELD™ GEL PASTE STATE **Part Number:** 3700-642B
Component B
Manufacturer: W. R. MEADOWS OF CANADA **Address:** 70 Hannant Court
Milton, Ontario Canada L9T 5C1
Telephone: (905) 878-4122 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**
Revision Date: 1/7/2019
Product Use: Two Component Epoxy

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
 Health 3	DANGER!
 Flammability 1	Causes skin burns and serious eye damage.
 Reactivity 0	May cause damage to respiratory tract, liver, and kidneys.
 Personal Protection 	May cause an allergic skin reaction.
	Suspected of damaging fertility or unborn child.
	PRECAUTIONARY STATEMENTS
	Avoid direct contact.
	Wear protective clothing.
	Avoid inhalation of mists/vapors.



SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@25°C)</u>
1. Amine Blend*	N/A: Mixture	15-40	No	N/A	N/A
2. Para-Nonyl Phenol	84852-15-3	5-20	No	N/A	N/A

*Amine blend consists of the following materials: N-aminoethylpiperazine (CAS#140-31-8), 2,4,6-Tris(Dimethylaminomethyl) phenol(CAS#90-72-2), Fatty Acids, Tall Oil, Reaction Products With Tetraethylenepentamine (CAS#68953-36-6), 3,6,9-Triazaundecamethylenediamine (CAS#112-57-2) Phenol, 2-Nonyl,-Branched (CAS#91672-41-2), 2-(2-Aminoethylamino) Ethanol (CAS#111-41-1)

This product contains silica sand. Silica sand contains crystalline silica as a naturally-occurring component. Exposure to silica is not expected to occur as the product is supplied as a solution. If the product is dried/abraded, appropriate protective measures should be taken to prevent silica exposure.

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." N/A: Not Applicable

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with water. Seek immediate medical attention.
SKIN CONTACT: Immediately remove contaminated clothing and wash affected areas with soap and water. If persistent irritation occurs, seek medical attention.
INHALATION: Move victim from exposure source and into fresh air. If symptoms persist, seek medical attention.
INGESTION: Immediately seek medical attention. Do not induce vomiting and do not give anything by mouth.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: > 93 °C
EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or carbon dioxide.
CHEMICAL/COMBUSTION HAZARDS: Nitrogen oxides, incomplete combustion products, carbon monoxide, and carbon dioxide.
PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Dike and contain. Take up with an absorbent material and place in sealed/marked containers for disposal. Handle spill clean-up materials and rinsate as contaminated materials. Avoid direct contact and utilize appropriate personal protective equipment.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact and inhalation of vapors/mists.
SAFE STORAGE: Keep containers closed when not in use. Store in cool, dry location.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Amine Blend	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2. Para-Nonyl Phenol	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

N/E: Not Established

ENGINEERING CONTROLS: Use ventilation as required to control vapor concentrations. Vapors/mists may be irritating to the respiratory tract.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Established	VAPOR DENSITY: > 1 (air=1)	% VOLATILE BY VOLUME: Not Established
EVAPORATION RATE: < 1 (ether = 1)	pH LEVEL: N/A	% VOLATILE BY WEIGHT: Not Established
WEIGHT PER GALLON: 13.23	PRODUCT APPEARANCE: Black Paste	VOC CONTENT: 7.8 g/L (when mixed)
ODOR: Strong Amine	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D		<i>N/D: Not Determined</i>

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.

CONDITIONS AND MATERIALS TO AVOID: Oxidizing agents, strong acids, and organic bases. Reacts with a considerable release of heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, carbon monoxide, and incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact is severely irritating to the eyes, causing pain, redness, and swelling. Product is corrosive and may cause chemical burns. Product vapors may also be irritating.

SKIN CONTACT: Direct contact is severely irritating to the skin and may cause chemical burns. May cause skin sensitization. May be toxic/harmful if absorbed through the skin.

INHALATION: Mists/vapors may be severely irritating to the respiratory tract. Corrosive effects are possible.

INGESTION: Not expected to be an exposure route. If ingested, this product will cause severe irritation of the digestive tract with corrosive effects.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, blurred vision, burning, and redness. Symptoms of skin irritation include redness, pain, and swelling. Skin sensitization results in allergic dermatitis that may include rash, itching, hives, and swelling of extremities. Symptoms of respiratory irritation include coughing, shortness of breath, chest discomfort, and reduced lung function.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: Repeated exposures to high concentrations may cause injury to the liver, kidney, and respiratory system.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: N/E	

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Unused product is classified as a hazardous waste. Dispose by incineration or fuel blending.

SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Hazardous.

UN NUMBER: 2735 **HAZARD CLASS:** 8 **PACKING GROUP:** III

UN PROPER SHIPPING NAME: Amines Liquid Corrosive, N.O.S. (aminopropyldiethanolamine)

ENVIRONMENTAL HAZARDS: None recognized.

BULK TRANSPORTATION INFORMATION: Not applicable; product not supplied in bulk.

SPECIAL PRECAUTIONS: Avoid direct contact.

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 1/7/2019
PREPARED BY: Dave Carey

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