

Date of preparation: 07/01/04

3703310-B

SECTION I

Manufacturer : **W. R. MEADOWS, INC.**

Address : 300 Industrial Drive
: Hampshire, IL 60140

Telephone # : (847) 683-4500

Emergency # : 1-800-424-9300 Chemtrec

Product Class : DIVISION 3

Mfg. code I.D. : 3703310-B

Trade Name : **REZI-WELD (IP) INJECTION PRE-PAK EPOXY- COMPONENT B**

- H M I S -

|Health : 2 |
|Flammability : 1 |
|Reactivity : 0 |
|Personal Protection : |

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,*=Chronic)

SECTION II-A HAZARDOUS COMPONENTS

No.	Component	CAS#	% by Weight	SARA 313	VAPOR PRESSURE (mm Hg @ 20 C)	LEL (@ 25 C)
1.	Diethylene Triamine	111-40-0	10-15	NO	N/A	N/A
2.	Phenol	108-95-2	1-5	YES	N/A	N/A
3.	Tall Oil Fatty Acid "RPW" Triethylenetetramine	68919-79-9	35-40	NO	N/A	N/A
4.	Bisphenol-A	80-05-7	5-10	YES	N/A	N/A
5.	Tetraethylenepentamine	112-57-2	5-10	NO	N/A	N/A
6.	Para-Nonylphenol	84852-15-3	15-20	NO	N/A	N/A

None of the components of this product are recognized as carcinogenic.

"RPW" = Reaction Products With N/A = Not Applicable

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313".

SECTION II-B OCCUPATIONAL EXPOSURE LIMITS

No.	OSHA				ACGIH			
	PEL/TWA	PEL/CEILING	PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLV/STEL	SKIN
1.	1 PPM	N/E	N/E	N/E	1 PPM	N/E	N/E	N/E
2.	5 PPM	N/E	N/E	N/E	5 PPM	N/E	N/E	N/E
3.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
4.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
5.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
6.	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

Skin absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact.

N/E = Not established

SECTION III PHYSICAL DATA

Boiling Point	: 350 degrees F	% Volatile by volume	: Not applicable
Evaporation Rate	: < 1 (ether = 1)	% Volatile by weight	: Not applicable
Vapor Density	: > 1 (air = 1)	Weight per gallon	: 8.25 (Theoretical)
pH Level	: Not applicable		

SECTION IV HEALTH INFORMATION

EYE CONTACT: Based on the presence of components 1 and 4 this product is presumed to be corrosive to the eyes.. Exposure may cause chemical burns and extensive corneal injury.

SKIN CONTACT: Based on the presence of component 1, this product is presumed to be corrosive to the skin and exposure may cause chemical burns. Absorption through the skin may result in symptoms of exposure as those described for inhalation and ingestion. Contact with the skin may result in skin sensitization to amines, polyamines, polyamides and related compounds. Individuals who have developed a skin sensitization can develop these symptoms as a result of contact with very small amounts of liquid material or as a result of exposure to vapors. This skin sensitization may be temporary or permanent. Once an individual is diagnosed as being sensitized, no further exposure can be permitted.

INHALATION: Based on the presence of components 2, 5, and 6, product vapors and/or mists are corrosive to the nose, throat, respiratory tract, and other mucous membranes. Overexposure may result in chemical pneumonitis or pulmonary edema, which are potentially fatal. As a result of repeated overexposure or exposure to a single large dose, certain individuals may develop lung sensitization (chemical asthma) to amines, polyamines, polyamides and related compounds which will cause them to react to a later exposure at levels well below the TLV. Once an individual is diagnosed as being sensitized, no further exposure can be permitted. This lung sensitization may be either temporary or permanent.

INGESTION: Based on the presence of component 1 this product is corrosive and may cause chemical burns to the gastrointestinal tract.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and

Date of preparation: 07/01/04

3703310-B

REZI-WELD (IP) INJECTION PRE-PAK EPOXY - COMPONENT B

Page 1

Date of preparation: 07/01/04

3703310-B

reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea. Skin sensitization results in allergic dermatitis which may include rash, itching, hives and swelling of extremities. Lung sensitization results in asthma-like symptoms: chest tightness, shortness of breath, wheezing and coughing.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. This product may aggravate existing skin and/or eye conditions on contact. Persons with asthmatic-type conditions, chronic bronchitis, other chronic respiratory diseases, recurrent skin eczema, sensitization or allergies should be excluded from working with amines, polyamines, polyamides and related compounds.

OTHER HEALTH EFFECTS: None recognized.

SECTION V EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If irritation or redness develops, move victim away from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek prompt medical attention.

SKIN CONTACT: Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If respiratory symptoms develop, move victim away from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

INGESTION: Do not induce vomiting. Vomiting will cause further damage to the throat. Dilute by giving milk to drink if the victim is conscious. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

SECTION VI FIRE AND EXPLOSION HAZARDS

FLAMMABILITY CLASSIFICATION - NFPA: Combustible Liquid - Class IIB
- DOT: Corrosive liquid, N.O.S. (Triethylenetetramine, Diethylene Triamine) 8, UN1760, III

FLASH POINT: Greater than 210 degrees F (estimate)

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or Carbon Dioxide.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Clear area of unprotected personnel. 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.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which may result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

SECTION VII REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS AND MATERIALS TO AVOID: Avoid oxidizing materials, strong acids, and epoxy resins under uncontrolled conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield Carbon Dioxide, Carbon Monoxide, and/or incomplete combustion products. Do not breathe smoke or fumes. Wear appropriate protective equipment.

SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: Use ventilation as required to control vapor concentrations - at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

PROTECTIVE CLOTHING: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

ADDITIONAL PROTECTIVE MEASURES: Eye wash fountains and safety showers should be available for use in an emergency.

SECTION IX ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES: LARGE SPILLS>> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. SMALL SPILLS>> Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL: Observe all Federal, State and local regulations regarding proper disposal.

SECTION X ADDITIONAL PRECAUTIONS

Containers can contain hazardous product residues even when empty. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

Date of preparation: 07/01/04

3703310-B

REZI-WELD (IP) INJECTION PRE-PAK EPOXY - COMPONENT B

Page 2