

Date of Preparation: 08/11/11

**SECTION I**

Manufacturer : **W. R. MEADOWS®, INC.**  
 Address : 300 Industrial Dr.  
 : Hampshire, IL 60140

Telephone # : (847) 683-4500  
 Emergency # : 1-800-424-9300 Chemtrec

Product Class : DIVISION 3  
 Mfg. code I.D. : 3716002  
 Trade Name : **REZI-WELD™ 3/2 - COMPONENT B**

**- H M I S -**

<b> Health</b>	<b>: 3  </b>
<b> Flammability</b>	<b>: 1  </b>
<b> Reactivity</b>	<b>: 0  </b>
<b> Personal Protection</b>	<b>:  </b>

(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.	Tetraethylenepentamine	112-57-2	5-10	NO	N/A	N/A
2.	Diethylene Triamine	110-40-0	35-40	NO	0.22	N/A
3.	Tall Oil Fatty Acid "RPW" Triethylenetetramine	68593-36-6	25-30	NO	N/A	N/A
4.	Bisphenol A	80-05-7	15-20	YES	N/A	N/A

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

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".

"RPW" = Reaction product with

**SECTION II-B OCCUPATIONAL EXPOSURE LIMITS**

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

N/E: Not established

**SECTION III PHYSICAL DATA**

<b>Boiling Point</b>	: 400 degrees F	<b>% Volatile by volume</b>	: Not applicable
<b>Evaporation Rate</b>	: < 1 (ether = 1)	<b>% Volatile by weight</b>	: Not applicable
<b>Vapor Density</b>	: > 1 (air = 1)	<b>Weight per gallon</b>	: 8.40 (Theoretical)
<b>pH Level</b>	: Not applicable	<b>Appearance</b>	: Brown liquid, ammonia odor

**SECTION IV HEALTH INFORMATION**

**EYE CONTACT:** Based on the presence of components 1, 3 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 components 1, 3 and 4, 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 vapor. This skin sensitization may be temporary or permanent. Once an individual is diagnosed as being sensitized, no further exposure can be permitted.

**INHALATION:** Exposure may produce irritation to the nose, respiratory tract and other mucous membranes. Based on the presence of component 2 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 2, single dose oral toxicity is low. Ingestion may cause irritation of the gastrointestinal tract, and/or ulceration in the throat and mouth.

Date of Preparation: 08/11/11

3716002

**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 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. These symptoms may be immediate or delayed up to several hours.

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

**OTHER HEALTH EFFECTS:** None recognized.

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## SECTION V EMERGENCY AND FIRST AID PROCEDURES

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**EYE CONTACT:** Immediately flush eyes with copious amounts of water for at least fifteen (15) minutes while holding eyelids open. 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 water or milk to drink if the victim is conscious. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

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## SECTION VI FIRE AND EXPLOSION HAZARDS

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**FLAMMABILITY CLASSIFICATION** - NFPA: Combustible Liquid - Class IB

- DOT: Corrosive Liquid, Basic, Organic N.O.S. (Organic Amines, Para-Nonyl Phenol) 8, UN3267, III

**FLASH POINT:** 177 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 could 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.

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## SECTION VII REACTIVITY

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**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.

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## SECTION VIII EMPLOYEE PROTECTION

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**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.

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## SECTION IX ENVIRONMENTAL PROTECTION

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**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.

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## SECTION X ADDITIONAL PRECAUTIONS

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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: 08/11/11

REZI-WELD 3/2 - COMPONENT B

3716002

Page 2