



# SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** REZI-WELD™ 1000 Component A **Part Number:** 3711301  
**Manufacturer:** W. R. MEADOWS, INC. **Address:** 300 Industrial Drive  
Hampshire, Illinois 60140  
**Telephone:** (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 6/6/2024  
**Product Use:** Two Component Epoxy

### SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

| HMIS                | HAZARD STATEMENTS   |
|---------------------|---|
| Health   2          | <b>WARNING!</b>   |
| Flammability   1    | Causes mild skin irritation. <b>(Category 3)</b>  |
| Reactivity   0      | May cause an allergic skin reaction. <b>(Category 1A)</b>   |
| Personal Protection | Suspected of causing genetic defects. <b>(Category 2)</b><br>May cause damage to organs through<br>prolonged/repeated exposure. <b>(Category 2)</b> |
|                     | <b>PRECAUTIONARY STATEMENTS</b>   |
|                     | Avoid direct contact.<br>Avoid breathing mists/sprays.  |



### SECTION 3: HAZARDOUS 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. Epoxy Resin Blend      | N/A: Mixture      | 65-70              | No              | N/A                                | N/A                |
| 2. (Butoxymethyl) Oxirane | 2426-08-6         | 1-5                | No              | 2 mm Hg@70°F                       | N/A                |
| 3. Titanium Dioxide       | 13463-67-7        | 1-5                | No              | N/A                                | N/A                |
| 4. Limestone              | 1317-65-3         | 25-30              | No              | N/A                                | N/A                |

*N/A = Not Applicable*

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."

### SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

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

**SKIN CONTACT:** Remove contaminated shoes/clothing. Cleanse affected areas thoroughly by washing with mild soap and water. If irritation occurs/persists, seek medical attention. Do not reuse clothing unless thoroughly decontaminated.

**INHALATION:** If respiratory symptoms develop, move victim from exposure source and into fresh air. If symptoms persist, seek medical attention.

**INGESTION:** Do not induce vomiting. Vomiting will cause additional damage to the digestive tract. Wash mouth out with water and seek immediate medical attention. If vomiting spontaneously occurs, keep the head below the hips to prevent lung aspiration.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

### SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** > 300 °F

**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical, or carbon dioxide.

**CHEMICAL/COMBUSTION HAZARDS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.

**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Clear area of unauthorized/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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Evacuate hazard area of unprotected personnel. Dike/contain spilled material. Take up with an appropriate absorbent and place in marked/sealed containers for proper disposal. Handle contaminated spill articles and rinsate as above.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact. May cause skin sensitization.  
**SAFE STORAGE:** Keep containers closed when not in use. Store in cool/dry location.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| Chemical Name:            | OSHA   |             |          |      |       | ACGIH       |          |      |  |
|---------------------------|--------|-------------|----------|------|-------|-------------|----------|------|--|
|                           | PEL    | PEL/CEILING | PEL/STEL | SKIN | TWA   | TLV/CEILING | TLV/STEL | SKIN |  |
| 1. Epoxy Resin Blend      | N/E    | N/E         | N/E      | N/E  | N/E   | N/E         | N/E      | N/E  |  |
| 2. (Butoxymethyl) Oxirane | 50 ppm | N/E         | N/E      | N/E  | 3 ppm | 5.6 ppm     | N/E      | N/E  |  |
| 3. Titanium Dioxide *     | N/A    | N/A         | N/A      | N/A  | N/A   | N/A         | N/A      | N/A  |  |
| 4. Limestone *            | N/A    | N/A         | N/A      | N/A  | N/A   | N/A         | N/A      | N/A  |  |

\*: Limestone and titanium dioxide exposure limits not provided as materials are in suspension. *N/A: Not Applicable*

**ENGINEERING CONTROLS:** None normally required under normal use conditions.

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                       |   |                                       |
|---------------------------------------|---|---------------------------------------|
| <b>BOILING POINT:</b> >200 °C         | <b>VAPOR DENSITY:</b> >1 (air=1)  | <b>% VOLATILE BY VOLUME:</b> N/A      |
| <b>EVAPORATION RATE:</b> <1 (ether=1) | <b>pH LEVEL:</b> N/E  | <b>% VOLATILE BY WEIGHT:</b> N/A      |
| <b>WEIGHT PER GALLON:</b> 11.45       | <b>PRODUCT APPEARANCE:</b> Gray Liquid                                    | <b>VOC CONTENT:</b> <5 g/L            |
| <b>ODOR:</b> Mild Organic             | <b>ODOR THRESHOLD:</b> N/D  | <b>MELTING/FREEZING POINT:</b> N/D    |
| <b>FLASH POINT:</b> See Section 5     | <b>FLAMMABILITY:</b> N/D  | <b>UEL/LEL:</b> N/D                   |
| <b>VAPOR PRESSURE:</b> N/D            | <b>RELATIVE DENSITY:</b> N/D  | <b>SOLUBILITY:</b> N/D                |
| <b>PARTITION COEFFICIENT:</b> N/D     | <b>AUTOIGNITION TEMPERATURE:</b> N/D                                      | <b>DECOMPOSITION TEMPERATURE:</b> N/D |
| <b>VISCOSITY:</b> N/D                 | <i>N/A: Not Applicable    N/D: Not Determined    N/E: Not Established</i> |                                       |

## SECTION 10: STABILITY/REACTIVITY

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

**CONDITIONS AND MATERIALS TO AVOID:** Oxidizing agents, strong acids, alkaline materials, amines, polyamines, and polyamides under uncontrolled conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may cause mild to moderate eye irritation.

**SKIN CONTACT:** Direct contact may result in mild to moderate irritation. May cause skin sensitization in susceptible individuals.

**INHALATION:** Not expected to be an exposure route under normal use conditions.

**INGESTION:** Not expected to be an exposure route.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include reddening, swelling, and rash. Skin sensitization reactions result in allergic dermatitis. Symptoms include rash, itching, hives, and swelling of extremities. These symptoms may be immediate or delayed up to several hours.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin disorders may be aggravated by over-exposure to this product.

**OTHER HEALTH EFFECTS:** None recognized.

## SECTION 12: ECOLOGICAL INFORMATION

|                           |                                   |                                       |
|---------------------------|-----------------------------------|---------------------------------------|
| <b>ECOTOXICITY:</b> N/E   | <b>DEGRADABILITY:</b> N/E         | <b>BIOACCUMULATIVE POTENTIAL:</b> N/E |
| <b>SOIL MOBILITY:</b> N/E | <b>OTHER ADVERSE EFFECTS:</b> N/E | <i>N/E: Not Established</i>           |

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| <b>SECTION 13: WASTE DISPOSAL INFORMATION</b>  |                            |                             |
| <b>WASTE DISPOSAL INFORMATION:</b> Non-hazardous waste. Suitable for fuel blending/incineration. |                            |                             |
| <b>SECTION 14: TRANSPORTATION INFORMATION</b>  |                            |                             |
| <b>HAZARDOUS/NON-HAZARDOUS MATERIAL:</b> Non-hazardous material.                                 |                            |                             |
| <b>UN NUMBER:</b> None.  | <b>HAZARD CLASS:</b> None. | <b>PACKING GROUP:</b> None. |
| <b>UN PROPER SHIPPING NAME:</b> None.  |                            |                             |
| <b>ENVIRONMENTAL HAZARDS:</b> Not determined.  |                            |                             |
| <b>BULK TRANSPORTATION INFORMATION:</b> Not applicable. Product is not supplied in bulk form.    |                            |                             |
| <b>SPECIAL PRECAUTIONS:</b> None.  |                            |                             |
| <b>SECTION 15: REGULATORY INFORMATION</b>  |                            |                             |
| <b>OTHER REGULATORY CONSIDERATIONS:</b> None.  |                            |                             |
| <b>SECTION 16: OTHER INFORMATION</b>   |                            |                             |
| <b>PREPARATION DATE:</b>   | 6/6/2024                   |                             |
| <b>PREPARED BY:</b>  | Dave Carey                 |                             |

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*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 this product described herein.*

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