

# Material Safety Data Sheet

Product Name: WeatherBond RBR Acrylic Water Based Bonding Adhesive

MSDS No. 310365

Date of Preparation: 10/11/07

Revision: 000

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** WeatherBond RBR Acrylic Water Based Bonding Adhesive

**Chemical Formula:** Mixture

**General Use:** Roofing Adhesive

**Manufacturer:** Weatherbond, P.O. Box 251, Plainfield, PA 17081, Phone: 866-471-5125

Emergency Phone Number: CHEMTREC (USA) 800-424-9300

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Vinyl Acetate	108-05-4	< 1
Aromatic-Modified Hydrocarbon Resin	HM2994	

### Hazardous Ingredients:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Vinyl Acetate	10 ppm	20 ppm	10 ppm	15 ppm			
Aromatic-Modified Hydrocarbon Resin	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.

## Section 3 - Hazards Identification

### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

**HMIS**  
**H** 2\*  
**F** 0  
**R** 0  
**PPE**†  
†Sec. 8

### Potential Health Effects

#### Primary Entry Routes:

**Inhalation:** May cause respiratory sensitization (potential for allergic reaction). May cause respiratory irritation.

**Eye:** May cause eye irritation.

**Skin:** May cause skin sensitization (allergic reaction) and skin irritation.

**Ingestion:** May cause gastrointestinal irritation (see first aid measures below).

**Carcinogenicity:** IARC, NTP, and OSHA do not list this product as a carcinogen. Vinyl Acetate supplier reports that there is limited evidence of carcinogenicity of the monomer in animals (IARC Group 2B).

**Medical Conditions Aggravated by Long-Term Exposure:** None know.

**Chronic Effects:** None know.

## Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air, get medical attention.

**Eye Contact:** Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water.

**Ingestion:** If swallowed, do not induce vomiting. Call poison control center, hospital emergency room, or physician immediately.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

**Note to Physicians:** Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

**Special Precautions/Procedures:**

## Section 5 - Fire-Fighting Measures

**Flash Point:** N/A  
**Burning Rate:** N/A  
**Flammability Classification:** N/A  
**Extinguishing Media:** N/A  
**Unusual Fire or Explosion Hazards:** None known  
**Fire-Fighting Instructions:** None known.



## Section 6 - Accidental Release Measures

**Personal Precautions:** Use personal protection recommended in Section 8.  
**Spill /Leak Procedures:** Confine in small area. Use absorbent materials to clean up. Place in container for disposal.  
**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

## Section 7 - Handling and Storage

**Handling Precautions:** Do not take internally. Close container after each use. Avoid skin contact. Keep away from children.  
**Storage Requirements:** Protect from freezing.  
**Regulatory Requirements:**

## Section 8 - Exposure Controls / Personal Protection

### Engineering Controls:

**Respiratory Protection:** Proper selection of respiratory protection depends upon many factors including duration and level of exposure and conditions of use. In general, exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection in used in well-ventilated areas. In areas of restricted ventilation, a NIOSH approved organic vapor respirator may be required. Under certain conditions, such as spraying, a mechanical prefilter may also be required. In confined areas or in high exposure situations a NIOSH/MSHA approved air supplied respirator may be required. If the TLV's or PEL's listed in Section II are exceeded, use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor. Refer to OSHA 29 CFR 1910.134 "Respiratory Protection" and "Respiratory Protection a Manual and Guideline, American Industrial Hygiene Association."

**Ventilation:** Provide general dilution and local exhaust ventilation in sufficient volume and pattern to keep concentrations of hazardous ingredients listed in Section II below the lowest exposure limit stated. Remove decomposition products that are generated when welding, cutting, or brazing objects coated with this product. Refer to "Industrial Ventilation – A Manual of Recommended Practice" ACGIH.

**Protective Clothing/Equipment:** Wear safety glasses meeting the specifications of ANSI Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Z87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid  
**Appearance and Odor:** White, mild odor  
**Odor Threshold(ppm):** N/A  
**Vapor Pressure:** N/A  
**Vapor Density (Air=1):** Heavier than air  
**Formula Weight:** 8.2 lbs/gal  
**Density:** N/A  
**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.0  
**pH:** N/A

**Water Solubility:** N/A  
**Other Solubilities:** N/A  
**Boiling Range(°C):** 40°F (4°C) to 212°F (100°C)  
**Freezing/Melting Point(°C):**  
**Viscosity:** N/A  
**Refractive Index:** N/A  
**Surface Tension:** N/A  
**% Volatile:** 47  
**Evaporation Rate:** .Slower than Diethyl Ether  
**VOC:** 0 g/l

## Section 10 - Stability and Reactivity

**Stability:** Stable.

**Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

**Chemical Incompatibilities:** None known.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** Toxic gases or vapors such as carbon monoxide, carbon dioxide, or oxides of nitrogen may be released in a fire.

## Section 11- Toxicological Information

### Toxicity Data:\*

No information available.

## Section 12 - Ecological Information

No information available

## Section 13 - Disposal Considerations

**Disposal:** Dispose of in accordance with all local, state, and federal regulations.

## Section 14 - Transport Information

### DOT Transportation Data (49 CFR 172.101):

**Hazard Class:** Adhesives, not regulated

**Packing Group:** DOT (HM-181)

## Section 15 - Regulatory Information

Vinyl Acetate

CAS# 108-05-4

TSCA (8d)  
DSL

Aromatic-Modified Hydrocarbon Resin

HM2994

No information available

TSCA – Toxic Substances Control Act  
(8d) Health and Safety Reporting Rules  
DSL/Canadian Domestic Substance List

## Section 16 - Other Information

**Prepared By:** Research & Development

**Revision Notes:** New

### Additional Hazard Rating Systems:

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