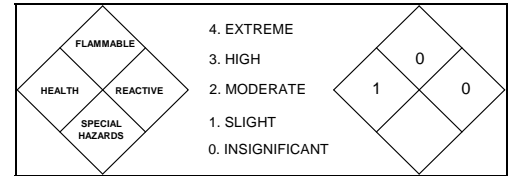


MATERIAL SAFETY DATA SHEET

ROOFING PRODUCTS INTERNATIONAL, INC.

MSDS 315 ROYAL EDGE TPO/EPDM BONDING ADHESIVE WATER BASED



SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Royal Edge TPO/EPDM Bonding Adhesive -Water Based (contact)	24 Hour Emergency Telephone Number: 800-424-9300 CHEMTREC
Chemical Formula: Mixture of listed substances with non-hazardous additions.	Manufacturer's Name: Roofing Products International, Inc.
Manufacturer's Address: 57460 Dewitt St., Elkhart, IN 46517-1078	NFPA Acute Hazard Rating: Health 1, Flammability 0, Reactivity 0
	HMS Acute Hazard Rating: Health 1, Flammability 0, Reactivity 0

SECTION 2 – CHEMICAL COMPOSITION

Ingredient Components (chemical names)	OSHA (1910.1200)	Case No.	OSHA STEL	OSHA PEL	ACGIH TLV
No hazardous/reportable components.					
This product is not subject to identification regulations according to directives on hazardous materials.					
Additional Information:					
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory Requirements.					

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance/Odor: White liquid, characteristic odor	Physical State: Liquid	Solubility in Water: Dispersible
Boiling Point: 212°F (100°C)	Auto-Igniting: Product is not self-igniting	Melting Point: Undetermined
Flash Point: NA	Solvent Content: Organic Solvents: 0.0%	Solids Content : 55.0%
Specific Gravity: 1.01	Evaporation Rate: NA	Reactivity in Water: NA

SECTION 4- FIRE & EXPLOSION HAZARD DATA

Flash Point: NA	Flammable Limits (in air): NA
Extinguishing Media: Water, CO², alcohol resistant foam.	Fire Fighting Procedures: CO², extinguishing powder or water spray. Use water spray or alcohol resistant foam for larger fires.
Hazardous Decomposition Products: No hazardous decomposition products known.	Special Fire & Explosion Hazards: This product is not flammable.
Dangerous Reactions: Strong oxidizing agents	Thermal Decomposition/ Conditions To Be Avoided: No decomposition if used according to specifications.

SECTION- 5 HEALTH HAZARD DATA

Permissible Exposure Limit: Not established	Signs and Symptoms of Exposure: Prolonged contact with skin can cause redness and irritation. When used and handled according to specifications, this product does not have any harmful effects according to our experience and information provided to us.
Effects of Overexposure: Medical Conditions Aggravated by Exposure: Skin irritation/eye irritation.	Chemical Listed as a Carcinogen (or Potential Carcinogen): None listed
Acute: May cause gastrointestinal irritation if swallowed.	
Chronic: None currently known.	
Emergency & First Aid Procedures: Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes and call physician. Skin Contact: Remove contaminated clothing and wash affected area with soap and water. Obtain medical attention if irritation persists. Inhalation: Remove to fresh air. Call physician. Ingestion: If swallowed, contact a Physician. Primary Route of Entry: Ingestion or eye contact.	

SECTION 6 – REACTIVITY DATA

Stability: Stable at ambient temperatures and pressures	Incompatibility: None known
Hazardous Decomposition Products: No hazardous decomposition products known.	Hazardous Polymerization: Will not occur
Conditions to Avoid: None known	

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Small spill: Absorb using inert liquid binding material, (sand, diatomite, acid binders, universal binders, sawdust). Transfer into secure containers and dispose of contaminated material as waste according to federal, state, and local regulations. Use personal protective equipment as outlined below. Contain and prevent material from accessing water drainage systems. NOTE: This product is not known to be hazardous to water.
Large Spill: Same as small spill.
Waste Disposal Method: Dispose in accordance with federal, state, and local regulations.

SECTION 8 – SPECIAL PROTECTION

Respiratory Protection: If applied by spraying, use NIOSH-Certified respiratory protection for organic vapor if necessary. Refer to OSHA 29 CFR 1910.134 “Respiratory Protection”.	Eye Protection: Wear safety glasses with side shields, Wear Face shield as necessary when spraying.
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Protective Gloves: Impervious gloves are recommended to prevent skin contact.	Other Protective Equipment: Under normal application conditions, protective glasses, gloves, and clothing are adequate.
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Ventilation:
Natural ventilation should be adequate under normal conditions.

SECTION 9 – SPECIAL PRECAUTIONS OR OTHER COMMENTS

Storage/Handling:
Store in cool, dry, well ventilated facility. Keep containers closed when not in use. Protect from freezing.

Other Precautions:
Provide adequate ventilation and avoid prolonged or repeated contact with the skin. Wash with soap and water after contact. Do not take internally. Close containers after each use. Keep away from children.

Work/Hygienic Practices:
Maintain good personal hygiene practices. Wash contaminated clothing before reuse. Do not eat or drink in work areas. Wash exposed skin before eating, drinking, or applying cosmetics.

SECTION 10 - TRANSPORTATION

DOT Regulations: Not Regulated	Identification Number: Not Applicable
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Proper Shipping Name: Water Based Adhesive	Labels Required: Not Applicable
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Hazard Classification: This product is not subject to identification regulations according to directives on hazardous material.	Other Requirements: Not Applicable
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SECTION 11 – MISCELLANEOUS INFORMATION

Additional Comments:
None

Date of Previous MSDS:
August 2000

Changes Since Previous MSDS:
**Comment change in sections: 1 thru 9
Add sections: 10,11**

Telephone Number for Additional Information:
(574) 293-9096

DISCLAIMER

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