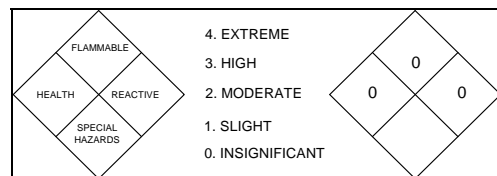


MATERIAL SAFETY DATA SHEET

ROOFING PRODUCTS INTERNATIONAL, INC.

MSDS 319 ROYAL EDGE .060 TPO MEMBRANE



SECTION 1 – PRODUCT IDENTIFICATION

| | | |
|---|---|--|
| Product Name: RPI Royal Edge TPO (products trade name on label) | | 24 Hour Emergency Telephone Number: 800-424-9300 CHEMTREC |
| Chemical Name/Synonyms: Thermo Plastic Olifin | Product Code: T60W(white), T60G(grey), T60T(tan) | Manufacturer's Name: Roofing Products International, Inc. |
| Chemical Family: Mixture | | Manufacturer's Address: 57460 Dewitt St., Elkhart, IN 46517-1078 |
| Chemical Formula: N/A | | NFPA Acute Hazard Rating: Health 0, Flammability 0, Reactivity 0 HMIS Acute Hazard Rating: Health 0, Flammability 0, Reactivity 0 |

SECTION 2 – CHEMICAL COMPOSITION

| Ingredient Components (chemical names) | % wt or % vol | Case No. | % wt or % vol | OSHA STEL | OSHA PEL ACGIH | ACGIH TLV |
|--|---------------|----------|---------------|-----------|-------------------|--------------|
| Hazardous Components 1% or greater; | | | | | | |
| Carcinogens 0.1% or greater: | | | | | | |
| | | | | | | |
| Solids (by weight) | | | | | | |
| Non-Hazardous Ingredients | 100 | | | | | |
| Total | 100 | | | | | |

There are no recognized hazards associated with normal use of this product.

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

| | | |
|--|---|--|
| Appearance/Odor: White solid with no odor. | Physical State: Solid | Solubility in Water: Insoluble |
| Boiling Point: N/A | Specific Gravity (HO=1) 0.90-1.20 | Melting Point: 350 °F |
| Vapor Pressure: N/A | Vapor Density (Air=1) N/A | Freezing Point: N/A |
| Percent Volatiles: N/A | Evaporation Rate: N/A | Reactivity in Water: None |
| pH (Full Strength) N/A | pH (Recommended Dilution): N/A | Refraction Index: N/A |

SECTION 4- FIRE & EXPLOSION HAZARD DATA

| | |
|--|---|
| Flash Point: N/A | Flammable Limits (in air): LEL: N/A UEL: N/A |
| Hazardous Decomposition Products: In the event of combustion, carbon dioxide, smoke, methane, propane, and other decomposition products may be released. | Fire Fighting Procedures: Firefighters should wear full protective clothing including self-contained breathing apparatus to prevent inhalation of smoke and decomposition products. |
| Extinguishing Media: Dry chemical and CO² can also be used. | Special Fire & Explosion Hazards: None |
| Method Used: Estimate based on flash point of most volatile component. | Auto-Ignition Temperature: 600-770°F |

SECTION 4- FIRE & EXPLOSION HAZARD DATA

| | |
|--|---|
| Flash Point: N/A | Flammable Limits (in air): LEL: N/A UEL: N/A |
| Hazardous Decomposition Products: In the event of combustion, carbon dioxide, smoke, methane, propane, and other decomposition products may be released. | Fire Fighting Procedures: Firefighters should wear full protective clothing including self-contained breathing apparatus to prevent inhalation of smoke and decomposition products. |
| Extinguishing Media: Dry chemical and CO² can also be used. | Special Fire & Explosion Hazards: None |
| Method Used: Estimate based on flash point of most volatile component. | Auto-Ignition Temperature: 600-770°F |

SECTION- 5 HEALTH HAZARD DATA

| | | | |
|--|----------------------|------------------------|---|
| Permissible Exposure Limit: N/A | Acute: N/A | Chronic: N/A | Signs and Symptoms of Exposure: Under normal conditions of use, this product will not release or otherwise result in exposure to hazardous chemicals. |
| Effects of Overexposure: Toxic fumes may be released during fire. Exposure to fumes may aggravate pre-existing eye, lung, and skin conditions. | | | Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen. |
| Emergency & First Aid Procedures: Eye Contact: Can cause irritation, redness, tearing, blurred vision. Skin Contact: Not normally hazardous Inhalation: Not normally hazardous unless at elevated temperatures. Remove to fresh air. Ingestion: Induce vomiting. Consult a Physician Primary Route of Entry: None | | | |

SECTION 6 – REACTIVITY DATA

| | |
|--|--|
| Stability: Stable | Incompatibility: None |
| Hazardous Decomposition Products: Carbon monoxide, methane, propane, aldehydes and other organic matter may be released during a fire. | Hazardous Polymerization: Will not occur |
| Conditions to Avoid: N/A | |

SECTION 7 - SPILL OR LEAK PROCEDURES

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| Steps to be taken in case material is released or spilled: Small spill: Scoop or shovel material into sealed containers. |
| Large Spill: Same as small spill. |
| Waste Disposal Method: If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under RCRA 40CFR261. Dispose of in accordance with local, state, and federal regulations. |

SECTION 8 – SPECIAL PROTECTION

| | | |
|---|---|---|
| Respiratory Protection: NA | Eye Protection: Safety glasses with side shields recommended. | |
| Protective Gloves: Not Required | Ventilation: No respirator needed. | Other Protective Equipment: None required under normal installation conditions. |

SECTION 9 – SPECIAL PRECAUTIONS OR OTHER COMMENTS

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| Storage/Handling: Store in cool, dry, well ventilated facility. |
| Other Precautions: Store material in original shipping packaging. |
| Work/Hygenic Practices: Maintain good personal hygiene practices. Product is easily removed with waterless hand cleaner followed by washing with soap and water. |

SECTION 10 - TRANSPORTATION

| | |
|--|---|
| Regulatory Agency: Not Regulated. All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory | Identification Number: Not Applicable |
| Proper Shipping Name: Not Applicable | Labels Required: Not Applicable |
| Hazard Classification: EPA SARA Title III hazard class (40CFR370): None EPA SARA Title III Section 313 (40CFR372): None EPA SARA Title III (40CFR355): There are no components present in this product at a level which would require reporting. | Other Requirements: Not Applicable |

SECTION 11 – MISCELLANEOUS INFORMATION

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|---|
| Additional Comments: None |
| Date of Previous MSDS: October 10, 2006 |
| Changes Since Previous MSDS: Comment change in sections: 1 thru 9 Add sections: 10,11 |
| Telephone Number for Additional Information: (574) 293-9096 |

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