

MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: Solar-Guard™
Product Code: RTC050

2. Composition/Information on Ingredients

Item	Chemical Name	CAS Number	w/w %
01	Ammonia Salt of Styrene Acrylic Polymer	65997-15-1	<70-90%
02	Benotriazole	Proprietary	<10-40%

Exposure Limits

Item	ACGIH		OSHA		COMPANY		SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA		
01	N.E.	N.D.	N.E.	N.D.	N.E.	No	
02	N.E.	N.D.	N.E.	N.D.	N.E.	No	

N.A. = Not Applicable, N.E. = Not Established, N.D. = Not Determined

3. Hazardous Identification

Emergency Overview: Causes eye irritation. Causes skin irritation. **EFFECTS OF OVEREXPOSURE: EYE CONTACT** - May cause slight transient (temporary) eye irritation. Corneal injury is unlikely. **SKIN CONTACT** - Prolonged or repeated contact may cause mild irritation. **INHALATION** - Irritating. **INGESTION** - May cause nausea. Abdominal discomfort. **PRIMARY ROUTE(S) OF ENTRY:** Skin contact.

4. First Aid Measures

Eye Contact: Flush eyes with plenty of water. Seek prompt medicate attention. **Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. **Inhalation:** Remove to fresh air. If breathing problems persist, seek medical attention. **Ingestion:** Immediately drink 1-2 glasses of water. Get medical attention. Do not administer anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point: N.E. Lower Explosive Limit: N.A. Upper Explosive Limit: N.A. Autoignition Temperature: N.A. **Extinguishing Media:** Unknown
Unusual Fire and Explosion Hazards: None **SPECIAL FIREFIGHTING PROCEDURES:** Alcohol foam, dry chemical, water fog, CO2.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush area with water spray. Avoid runoff into storm sewers and ditches which lead to waterways.

7. Handling and Storage

HANDLING: CAUTION: Avoid contact with eyes. Avoid prolonged contact with skin. Wash thoroughly after handling. Keep containers closed when not in use. Store in a cool, dry place with adequate ventilation.. **STORAGE:** Keep container closed when not in use. Keep away from food, drink and animal feeding stuffs.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels. **RESPIRATORY PROTECTION:** Use appropriate respiratory protection to prevent overexposure. **SKIN PROTECTION:** Suitable gloves, boots, and apron. **EYE PROTECTION:** Chemical splash-proof goggles. **OTHER PROTECTIVE EQUIPMENT:** Not applicable. **HYGIENIC PRACTICES:** Avoid prolonged or repeated contact with skin.

9. Physical and Chemical Properties

BOILING RANGE: N.A. **VAPOR DENSITY:** Is heavier than air **ODOR:** Fruit **ODOR THRESHOLD:** N. A. **APPEARANCE:** White/Milky
EVAPORATION RATE: Is slower than Ether **SOLUBILITY IN H2O:** 100% **FREEZE POINT:** 32°F **SPECIFIC GRAVITY:** 1.029
VAPOR PRESSURE: No Data **PH @ 100.0%:** N.E. **PHYSICAL STATE:** Liquid **VISCOSITY:** N.E. **COEFFICIENT OF WATER/OIL DISTRIBUTION:** N.A.

10. Stability and Reactivity

CONDITIONS TO AVOID: Do Not freeze **INCOMPATIBILITY:** None **HAZARDOUS DECOMPOSITION PRODUCTS:** Ammonia when heated.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions. **STABILITY:** This product is stable under normal storage conditions.

11. Toxicological Properties (Component Toicological Information)

Product LD50: 5000mg/kg

12. Ecological Information

ECOTOXICITY: No information **ENVIRONMENTAL FATE:** No information **ADDITIONAL INFORMATION:** No information

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Small amounts of material can be disposed of as common waste or returned to the container for later use if not contaminated. Large volumes may require special handling.

14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Resin Compound - Not regulated
DOT HAZARD CLASS:
DOT UN/NA NUMBER: PACKING GROUP:

DOT TECHNICAL NAME:
HAZARD SUBCLASS:
RESP. GUIDE NO:

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT INVENTORY (TSCA): Yes

CANADIAN DOMESTIC SUBSTANCES LIST (DSL): Yes

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES: Yes

16. OTHER INFORMATION

HMIS RATINGS - Health: 1, Flammability: 0, REACTIVITY: 0

The information contained on this MSDS has been checked and should be accurate. However it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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Manufactured by RTC of IL

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