

SAFETY DATA SHEET

Product Name: RainguardPro® Shingle-Lok™
Product Codes: SL-0105, SL-0205, SL-0305, SL-0405, SL-0505, SL-0605, SL-0705, SL-0805

SECTION 1: Identification

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SECTION 2: Hazards Identification

Hazard Classification

- Signal Word: WARNING
- Flammable Gasses
- Flammable Solids
- Skin Irritation
- Eye Irritation
- Respiratory Sensitizer

Hazard Statements

- Excessive exposure or inhalation may cause eye, skin, and throat irritation.
 - Ingestion may cause vomiting, nausea, or diarrhea.
 - Concentrated vapors may flash if exposed to ignition source.
- Closed containers may explode above when exposed to extreme heat.
- Dried material can burn.



Precautionary Statements

- Read all safety information before using.
- Do not breathe gas or vapors.
- Provide sufficient ventilation.
- Wear protective gloves, goggles, and clothing.
- If inhaled, move to fresh air.
- If skin irritation occurs, wash with soap and water.
- If eye contact occurs, rinse with water for at least 15 minutes.
- If ingested, contact doctor or poison control.
- If ingested, DO NOT INDUCE VOMITING!
- Do not store above 100°F.
- Keep from freezing.
- Dispose of in accordance with Federal, State, and local regulations.

SECTION 3: Composition

HAZARDOUS COMPONENTS

OTHER INGREDIENTS	CAS #	% BY MASS	HAZARDOUS
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SECTION 4: First Aid Measures

General: In case of accident or if you feel unwell, seek medical advice IMMEDIATELY. (Show the label where possible.)

Symptoms to note: Irritation of exposed areas (eyes, skin, throat). Chronic overexposure to this material may lead to skin drying and/or rashes. Over exposure to its vapors, as when heated or sprayed, may cause irritation of the nose, throat, and lungs.

Eye contact: In case of contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention.

Skin contact: Remove as much of the material as possible using mechanical/waterless methods before washing with soap and water. Remove contaminated clothing. Seek medical attention for any burns or irritation resulting from contact with cure by-products.

Inhalation: If inhaled, remove to fresh air and provide oxygen if breathing is difficult. If symptoms persist consult a physician. Give artificial respiration if not breathing. Get medical attention.

Ingestion: If conscious, have the person rinse his mouth with cold water. Do not attempt to induce vomiting (vomiting may occur naturally, but should be avoided if possible). If unconscious, treat for shock. If unconscious and vomiting, turn the person to his side to avoid choking. Never give an unconscious person anything to drink. Notify a physician or the nearest poison control center immediately.

Notes for health providers: Not applicable

SECTION 5: Fire Fighting Measures

Suitable extinguishing media: Foam, Alcohol Foam, CO₂, Dry Chemical

Fire-fighting procedures: As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. Use water spray to cool non-involved containers.

Combustion products: Carbon monoxide, carbon dioxide, nitrogen oxides

Protective equipment: NIOSH approved self-contained breathing apparatus should be worn.

SECTION 6: Accidental Release Measures

When responding to leaks and spills, use personal protective equipment as outlined in Section 8: Exposure Controls and Personal Protection.

Spills, leaks, or releases: Ventilate area. Remove any sources of ignition. Contain spill area with absorbent material such as sawdust, vermiculite or sand. Absorb spill with absorbent materials and place in a closed container. In case of large spill, dike the area to prevent material from entering water systems or sewers. (See section 12: Disposal Considerations)

SECTION 7: Handling and Storage

Handling: Avoid breathing aerosols, spray mists and heated vapors. Avoid prolonged or repeated skin contact. For personal protection measures, see Section 8: Exposure Controls and Personal Protection.

Storage requirements: Keep containers properly sealed when stored in-doors, in a cool well-ventilated area. Keep contents away from moisture. Keep away from heat, sparks and open flame. As standard practice, never use welding or cutting torch on or near any container (even empty) as an explosion may occur. Care should be taken to prevent moisture condensation in the container.

SECTION 8: Exposure Controls and Personal Protection

Preventative measures: Conditions of use, adequacy of engineering (or other control measures), and actual exposures will dictate the need for specific protective devices at your workplace.

Work/Hygienic practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work, using plenty of soap and water. Open containers of food and beverages should be kept away from areas where this product is used or stored. Eating, drinking, smoking and application of cosmetics should be prohibited in areas where this product is being used.

Respiratory protection: Avoid breathing aerosols, spray mists and heated vapors. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor and mist levels are below applicable limits. Follow respirator manufacturer's instructions for respirator use.

Ventilation: Provide sufficient ventilation to control exposure levels below airborne exposure limits.

Protective gloves: Avoid prolonged or repeated skin contact. Wear protective gloves that provide a barrier to prevent skin contact. Consult glove manufacturer to determine appropriate type.

Eye protection: Wear chemical safety glasses or goggles to guard against splashes and mists.

Other protective equipment: Use impermeable aprons and protective clothing to prevent skin contact or extended exposure to skin.

SECTION 9: Physical and Chemical Properties

Appearance:	Pigmented liquid
Odor:	Slight ammonia odor
Flammable limits in air by volume:	Lower: 2.6% Upper: 12.5%
Specific gravity:	(H ₂ O=1) 1.2

Vapor pressure:	Not applicable
Odor threshold:	Not applicable
Vapor density:	Lighter than air
pH:	Not applicable
Freezing point:	32°F
Solubility in water:	Dilutable
Initial boiling point and boiling range:	212°F–471°F
Flash point:	241°F
Evaporation rate:	Slower than ether
Flammability:	Not applicable
Auto-ignition temperature:	Not applicable
Viscosity:	Not applicable
Coating VOC:	<0.37 LB/GAL (<50 g/L)
Material VOC:	<0.20 LB/GAL (<25 g/L)
Percent volatile by weight:	70%
Percent solids by weight:	30%

SECTION 10: Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Open flame and other ignition sources
Hazardous decomposition products:	Decomposition by fire produces carbon monoxide, oxides of nitrogen and various hydrocarbon fragments.
Incompatible materials:	Strong oxidizing agents; concentrated acids

SECTION 11: Toxicological Information

Inhalation health risks and symptoms of exposure: Excessive exposure to vapors or spray mists can cause irritation of eyes, nose, and throat.

Eye contact: This material may cause eye irritation.

Skin contact: This material may cause skin irritation or rash upon repeated or prolonged contact.

Ingestion health risks and symptoms of exposure: This material can cause gastrointestinal irritation, vomiting, nausea, and/or diarrhea.

Health hazards (acute and chronic): Chronic overexposure to this material may lead to skin drying and/or rashes. Overexposure to its vapors, as when heated or sprayed, may cause irritation of the nose, throat, and lungs.

Medical conditions generally aggravated by exposure: Dermatitis, respiratory tract irritation

LD 50: Unknown

National Toxicology Program (NTP): No Listing

IARC Monographs: None

SECTION 12: Ecological Information

Ecotoxicological Information: Not applicable

Persistence and Degradability: Not applicable

Bio-Accumulative Potential: Not applicable

Mobility: Not applicable

Other Adverse Effects: Not applicable

Warning: Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, in accordance with Federal and State regulations.

SECTION 13: Disposal Considerations

Disposal method: Keep out of drains, sewers, and waterways. Land fill or incinerate according to Federal, State and Local Regulations.

For further information contact your state or local solid waste agency or the United States Environmental Protection Agency's RCRA hotline (1-800-

434-9300 or 202-382-3000).

Chemical waste, even small quantities, should never be poured down drains, sewers or waterways. Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

Empty container: Not applicable

SECTION 14: Transportation Information

DOT (US):	Not applicable
CANADA (TDG):	Not applicable
DOT PROPER SHIPPING NAME:	Not applicable
UN / NA Number:	Not applicable
Hazard Class:	Not applicable
Packing Group:	Not applicable

SECTION 15: Regulatory Information

No Further Regulatory Information Available

SECTION 16: Other Information

HMIS RATING:		KEY:
HEALTH	1	0 = Minimum
FLAMMABILITY	0	1 = Slight
REACTIVITY	0	2 = Moderate
PPE	B	3 = Serious
		4 = Severe

LEGEND:

ACGIG - American Conference of Governmental Hygienists	IARC - International Agency for Research on Cancer
OSHA - Occupational Safety and Health Administration	TSCA - Toxic Substances Control Act
DOT - Department of Transportation	MSHA - Mine Safety Health Administration
PEL - Permissible Exposure Limit	TWA - Time Weighted Average
DSL - Domestic Substance List	NDSL - Non-Domestic Substance List
RCRA - Resource Conservation and Recovery Act	V - Volume
EPA - Environmental Protection Agency	NIOSH - National Institute for Occupational Safety Health
STEL - Short Term Exposure Limit	VOC - Volatile Organic Compound
HMIS - Hazardous Materials Information System	NTP - National Toxicology Program
TLV - Threshold Limit Value	WHMIS - Workplace Hazardous Materials Information System

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