

SAFETY DATA SHEET

Product Name: RainguardPro® Urethane Quick Cure Performance Additive

Product Codes: SP-1300, SP-1305, SP-1308, SP-1309

SECTION 1: Identification

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SECTION 2: Hazards Identification

OSHA/HCS Status: This material is considered non-hazardous by the OSHA Hazard Communication (29 CFR 1910.1200)
Classification of the Substrate of Mixture: Skin Sensitization- Category 1

GHS label elements :



Signal Words: Warning

Hazard statements: May cause an allergic skin reaction
May cause respiratory irritation
May cause drowsiness and dizziness

PRECAUTIONARY STATEMENTS

General:	Read label before use. Keep out of reach of children. If medical advice is needed, Have product container or label on hand.
Prevention:	Wear protective gloves. Wear eye or face protection.
Storage Disposal:	Store in a well-ventilated place. Keep cool.
Hazards not otherwise classified:	None known

EYES

The liquid is severely irritating to the eyes. High vapor concentrations are also irritating.



SKIN

The liquid is moderately irritating to the skin. Prolonged or repeated contact can result in drying of the skin which may result in skin irritation and dermatitis (rash). The liquid may be absorbed through the skin.



INGESTION

Ingestion may cause headache, dizziness, fatigue, and central nervous system depression along with gastrointestinal disturbances.

INHALATION

Vapors may cause irritation to the nose, throat, and respiratory tract. Exposure to high vapor concentrations may cause central nervous system (CNS) depression. Aspiration of liquid may cause pneumonitis, pulmonary, edema, and hemorrhage.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY:

Irritation as noted above. Early to moderate CNS depression may be evidenced by giddiness,

headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur.

MEDICAL CONDITIONS AGGRAVATED:

Pre-existing eye and skin disorders may be aggravated.

Flammability Hazards:

This product is not flammable. If this product is involved in a fire, the decomposition products generated will include irritating vapors and gases and some carbon monoxide.

Reactivity Hazards:

This product is not reactive.

Environmental Hazards:

Although the release of this product to the environment is not expected to cause a significant adverse effect, all releases should be avoided.

Emergency Considerations:

Emergency responders should wear appropriate protection for the situation to which they respond.

SECTION 3: Composition

OTHER INGREDIENTS

CAS #

% BY MASS

There are no chemicals subject to the reporting requirements of Section 313 (SARA Title III) and of 40 CFR 372.

SECTION 4: First Aid Measures

Get immediate medical attention for any significant overexposure.

EYE EXPOSURE:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

SKIN EXPOSURE:

Wash exposed areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

INHALATION:

Move victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has

stopped, initiate CPR. Seek immediate medical attention.

INGESTION:

If accidentally swallowed, obtain immediate medical advice. Show this safety data sheet. Keep at rest. Do not induce vomiting. If conscious, give milk or water to drink.

CARCINOGENICITY:

NTP: No
IARC Monographs: No
OSHA Regulated: No

SECTION 5: Fire Fighting Measures

FLASH POINT:

171 °F (Closed Cup)

METHOD

N/A

LOWER EXPLOSION LIMIT:

Not available

UPPER EXPLOSION LIMIT:

Not available

AUTOIGNITION TEMPERATURE:

Not available

EXTINGUISHING MEDIA:

CO₂, dry chemical or water fog.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide and carbon dioxide can form. Smoke, fumes.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). If water is used, fog nozzles are preferable. Use water to cool closed containers.

FIRE AND EXPLOSION CONDITIONS:

This product not expected to ignite under normal conditions of use.

SECTION 6: Accidental Release Measures

Remove and eliminate all ignition sources. Control the source of the spill. Ventilate confined spaces. Avoid breathing vapors or mist. Dike and soak up spill with absorbent material such as sand or Fuller's Earth. Recover free liquid and absorbent material from spill area and shovel or broom into

appropriate chemical waste containers for proper disposal. Persons performing clean up should wear adequate personal protective equipment and clothing. Keep out of storm drains, sewers and waterways. Observe all local, state and federal laws and regulations regarding spills, clean-up, removal, discharge and disposal.

SECTION 7: Handling and Storage

Keep containers tightly closed when not in use. Do not store or handle near a heat source, sparks, open flame or strong oxidizing materials. Use and store only in cool and well-ventilated areas. Care should be taken to prevent moisture condensation in the container. Avoid breathing vapors. Avoid contact with skin. Keep out of the reach of children.

SECTION 8: Exposure Controls and Personal Protection

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use, working conditions, and equipment.

RESPIRATORY PROTECTION:	Use in a well ventilated and/or open area. Use appropriate NOISH approved organic vapor cartridge respirator equipment when occupational exposure limits are exceeded.
VENTILATION:	Local exhaust and or mechanical ventilation in confined or poorly ventilated spaces are recommended.
PROTECTIVE GLOVES:	Wear Neoprene or non-soluble plastic gloves.
EYE PROTECTION:	Use Approved splash goggles.
PROTECTIVE CLOTHING:	Wear long-sleeve clothing selected for condition exposure potential.
INDUSTRIAL HYGIENE:	Before eating or smoking, wash hands and face to remove residual contamination.

SECTION 9: Physical and Chemical Properties

BOILING POINT:	231.3 °F
VAPOR DENSITY (AIR =1):	Heavier than air
FLAMMABILITY/EXPLOSIVE LIMITS:	No data available
pH:	9.6

MATERIAL V.O.C.:	<50 g/L
SPECIFIC GRAVITY (H2O = 1):	N/A
EVAPORATION RATE (ETHER = 1):	N/A
VISCOSITY:	No data available
MELTING/FREEZING POINT (°C):	0 °C (32 °F) similar to water
SOLUBILITY IN WATER:	Miscible
APPEARANCE & ODOR:	Translucent yellowish with Amine-like
VAPOR PRESSURE (mm HG):	8.93E-010 Pa (68 °F)

SECTION 10: Stability and Reactivity

SUBSTANCES TO AVOID:	Stable under the recommended storage and handling conditions (see section 7).
CONDITIONS TO AVOID:	Protect from frost, heat and sunlight.
MATERIALS TO AVOID	Keep away from oxidizing agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

SECTION 11: Toxicological Information

TOXICOLOGICAL INFORMATION

PRODUCT /INGREDIENT ORAL LD50 (RAT) DERMAL LD50

Polyfunctional Aziridine ~4.92 ml/kg >3000 mg/kg

GENERAL INFORMATION

The product has been assessed following the conventional method and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact, see sections 3 and 15 for the resulting hazard classification.

INGESTION

Ingestion may result in sore throat, abdominal pain, or nausea.

SKIN CONTACT

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

EYE CONTACT

Splashes in the eyes may cause irritation and reversible local damage

SECTION 12: Ecological Information

ECOTOXICITY

Bioaccumulative potential

Bioconcentration factor (BCF): No data available

Partition coefficient: n-octanol/water (log Pow): Between -1.59 and -.81 (estimated data: KOWWIN v1.68)

Mobility in soil

Low potential for adsorption (low octanol-water partition coefficient)

The substance does not meet the criteria for PBT or vPvB

SECTION 13: Disposal Considerations

DISPOSAL: Do not allow material to contaminate or cause to be discharged into any storm drain, lake, stream, pond, underground water supplies or any body of water. Incinerate and or bury waste and containers at an approved facility. Dispose of waste materials and containers in accordance with all federal, state and local health, safety and environmental regulations.

SECTION 14: Transportation Information

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

SECTION 15: Regulatory Information

NORTH AMERICAN INVENTORIES: listed on, or exempt from the Canadian Domestic Substances List.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: To the best of our knowledge, this product is not listed as a toxic chemical.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: To the best of our knowledge, this product is not listed as an extremely hazardous substance.

SECTION 16: Other Information

Health=3

Fire=1

Reactivity=1

DISCLAIMER: The information contained in the document relates to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for their own particular use. Rainguard Brands, LLC and RainguardPro do not accept liability for any loss or damage that may occur from the use or reliance upon this information.