

SAFETY DATA SHEET

Product Name: RainguardPro® 100% Epoxy Part A
Product Codes: EP-0301, EP-0304

SECTION 1: Identification

MANUFACTURER: Rainguard Brands, LLC
RainguardPro
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REVISION DATE: 01/20/2023

SECTION 2: Hazards Identification

OSHA/HCS Status: This material is considered non-hazardous by the OSHA Hazard Communication (29 CFR 1910.1200)

GHS label elements :



Signal Words: Warning

Hazard # **Hazard Statement**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

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

SECTION 3: Composition

HAZARDOUS COMPONENTS

THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE HARM.

OTHER INGREDIENTS	CAS #	% BY MASS	HAZARDOUS
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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:	Flush eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek immediate medical attention.
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:	Never give an unconscious person anything to drink. If conscious, treat for shock. Seek

immediate medical assistance or the nearest poison control center. If conscious, induce vomiting. If unconscious and vomiting, turn the victim on their side to avoid choking.

CARCINOGENICITY:

NTP: No
IARC Monographs: No
OSHA Regulated: No

SECTION 5: Fire Fighting Measures

FLASH POINT:

None

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

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop the leak if you can do it without risk and avoid run off to waterways or storm drains.

6.2 Environmental Precautions:

Do not let the product enter drains, waterways or storm drains.

6.3 Methods and Materials for Containment and Cleaning up:

Soak up with inert absorbent material and prepare for disposal.
Keep in suitable, closed containers for disposal.

6.4 Reference to Other Sections:

For disposal see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling:

Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes. Keep the container closed when not in use.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Keep the container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Regulatory Requirements:

No data found.

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:	260°C (500° F)
VAPOR DENSITY (AIR =1):	No data available
FLAMMABILITY/EXPLOSIVE LIMITS:	No data available
pH:	No data available
MATERIAL V.O.C.:	0 g/L
SPECIFIC GRAVITY (H2O = 1):	No data available
EVAPORATION RATE (ETHER = 1):	No data available
VISCOSITY:	No data available
MELTING/FREEZING POINT (°C):	No data available
SOLUBILITY IN WATER:	No data available
APPEARANCE & ODOR:	Clear liquid
VAPOR PRESSURE (mm HG):	No data available

SECTION 10: Stability and Reactivity

SUBSTANCES TO AVOID:	Stable under recommended storage conditions
CHEMICAL STABILITY:	Stable under recommended storage conditions. DO NOT FREEZE OR EXPOSE TO EXTREME HEAT.
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization does not occur.
HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:	None

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Product Information:

INHALATION:	No data available
INGESTION:	Harmful if swallowed
EYES:	No data available
SKIN:	No data available
GERM CELL MUTAGENICITY:	No data available
CARCINOGENICITY:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.
REPRODUCTIVE TOXICITY:	No data available
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:	No data available
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:	No data available
ASPIRATION HAZARD:	No data available
ADDITIONAL INFORMATION:	No data available

SECTION 12: Ecological Information

Hexamethylene-1,6-diisocyanate Homopolymer (CAS 28182-81-2)

AQUATIC/TERRESTRIAL ORGANISM TOXICITY:	Acute and Prolonged Toxicity to Fish: (Zebra Fish, 96h)	LC50 100 mg/l
	Acute Toxicity to Aquatic Invertebrates: (water flea, 48 h)	EC50 100 mg/l

Hexamethylene-1,6-diisocyanate (CAS 822-06-0)

ASPIRATION HAZARD:	No data available
PERSISTENCE AND DEGRADABILITY:	Not readily degradable
BIOACCUMULATIVE POTENTIAL:	Accumulation is not expected
MOBILITY IN SOIL:	No data available
PBT AND vPvB	No data available

ASSESSMENT:

OTHER ADVERSE EFFECTS: An accumulation in aquatic organisms is not expected.

OTHER INFORMATION: LC0: ≥82.8 mg/l (Zebra Fish, 48 h)

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 (UN #):	Not regulated
UN number:	Not regulated
Proper shipping name:	Not regulated
Transport Hazard Class:	Not regulated
Packing Group:	Not regulated
Environmental Hazards:	Not regulated
IMO/IMDG:	
UN number:	3082
Proper shipping name:	Environmentally Hazardous Substance Liquid N.O.S. (Liquid Epoxy Resin)
Transport Hazard Class:	Class 9 III
Packing Group:	
Environmental Hazards:	Yes
IATA:	
UN number:	3082

Proper shipping name: Environmentally Hazardous Substance Liquid
N.O.S. (Liquid Epoxy Resin)

Transport Hazard Class: Class 9 III

Packing Group: Not regulated

Environmental Hazards: Yes

Special Precautions for User: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory Information

NORTH AMERICAN INVENTORIES: All components listed or exempt from the TSCA inventory. This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

CANADIAN REGULATIONS

WHMIS Classification: D2A
This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

OTHER REGULATIONS: Regulatory VOC (less water and exempt solvent)
0 g/L

SECTION 16: Other Information

HMIS RATING:		KEY:
HEALTH	2	0 = Minimum
FLAMMABILITY	1	1 = Slight
REACTIVITY	0	2 = Moderate
PPE	A	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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