

SAFETY DATA SHEET

Product Name: Mastic-Lok AF Part A

Product Codes: ML-9001, ML-9002

SECTION 1: Identification

MANUFACTURER: Rainguard Brands, LLC
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United States of America

RAINGUARD PHONE: (949) 515-8800

POISON CENTER: (800) 222-1222

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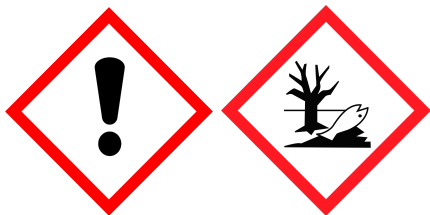
REVISION DATE: 05/29/2024

SECTION 2: Hazards Identification

Classification

Skin Corrosion/irritation (Category 2)
Serious eye damage/irritation (Category 2)
Sensitization-skin (Category 1)
Chronic aquatic toxicity (Category 2)

Pictogram



Signal Word

Warning

Hazard Statements

Causes skin irritation.

Causes serious eye irritation.
May cause an allergic skin reaction.
Toxic to aquatic life with long lasting effects.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/ eye protection/face protection.
Avoid breathing mist/vapors/spray.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash victim with plenty of soap and water. If irritation or rash occurs, get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.
IF SWALLOWED: Rinse mouth Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements – Storage

Store in a well-ventilated place. Keep container tightly closed. Keep away from incompatible materials.

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: Composition

Mixture

CHEMICAL NAME	CAS #	%	COMMENTS
Bisphenol A epoxy resin	25068-38-6	40-60%	
Bisphenol F epoxy resin	28064-14-4	40-60%	

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4: First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause an allergic skin reaction.

May cause skin and/or eye irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

High volume water jet.

Specific Hazards Arising from the Chemical

No data available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH approved and full protective gear.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Contain Spillage.

Methods for Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure Controls and Personal Protection

Exposure Guidelines:

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH TWA
Bisphenol A epoxy resin	25068-38-6	No occupational limit	No occupational limit	No occupational limit
Bisphenol F epoxy resin	28064-14-4	No occupational limit	No occupational limit	No occupational limit

Engineering Controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Respiratory Protection: Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin Protection: Prevent contact with shoes and clothing; use rubber apron and overshoes.

Other Protective Equipment: Eye wash stations and emergency showers should be available. The type and degree of personal protective equipment appropriate will depend on the specific work operation. Inspect and replace personal protective equipment at regular intervals; use professional care in their selection, use and care.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Viscous Liquid
Color	Metallic
<u>Property</u>	<u>Values</u>
pH	No data available
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available
Flash Point	> 250° C (482° F) TCC
Evaporation Rate	No data available
Flammability (Solid, Gas)	n/a-liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.17
Water Solubility	negligible
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available

Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Faint to slight epoxy odor
Odor Threshold	No data available

SECTION 10: Stability and Reactivity

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None Known

Conditions to Avoid

Avoid elevated temperatures.

Incompatible Materials

Oxidizing agents, acids, alkalis, amines.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, phenolics.

SECTION 11: Toxicological Information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: irritation

Skin Contact: May cause allergic skin reaction. Avoid contact with skin.

Ingestion: May be harmful.

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
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Bisphenol A epoxy resin	25068-38-6	>2000 mg/kg (Rat)	>2000 mg/kg (Rat)	0.00001 ppm (Rat)
Bisphenol F epoxy resin	28064-14-4	2000 mg/kg (Rat)	2000 mg/kg (Rabbit)	No data available

Chemical Name	Bisphenol A epoxy resin	Bisphenol F epoxy resin
Skin corrosion/irritation	Mild irritant	Mild irritant
Serious eye damage/irritation	Mild irritant	Serious Irritant
Respiratory or skin sensitization	Causes allergic skin reactions	Causes allergic skin reactions
Mutagenicity	Not classified	Not classified
Carcinogenicity	Not a carcinogen	Not a carcinogen
Reproductive toxicity	Not classified	Not classified
Specific target organ toxicity-Single exposure	Not classified	Not classified
Specific target organ toxicity-repeated exposure	Not classified	Not classified
Aspiration hazard	Not classified	Not classified

SECTION 12: Ecological Information

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Bisphenol A epoxy resin	25068-386	EC50 Algae, 9.4 mg/l, 72 h	LC50, Fathead minnow, 3.1 mg/l 96 h	EC50, Daphnia magna, 3.6 mg/l 48 h
Bisphenol F epoxy resin	28064-144	No data available	LC50, Leuciscus idus, 5.7 mg/l 96 h	EC50, Daphnia magna, 3.5 mg/l 48 h

Persistence and Degradability: No data available

Bioaccumulation: No data available

Mobility: No data available

SECTION 13: Disposal Considerations

WASTE DISPOSAL METHOD

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 14: Transportation Information

DOT Proper Shipping Description:

Bulk & Non-Bulk: Not regulated as a dangerous goods.

SECTION 15: Regulatory Information

SARA Title III Section 311/312 (40CFR370): Acute health hazard

SARA Title III Section 313 (40CFR372): This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

RCRA Status(40CFR261.33): Not listed

TSCA Inventory Status: Included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Included

Chemicals Known to the State of California to Cause Cancer or Reproductive

Toxicity: This material is not known to contain chemicals currently listed as carcinogens or reproductive toxins:

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Bisphenol A epoxy resin	Not listed	Not listed	Not listed
Bisphenol F epoxy resin	Not listed	Not listed	Not listed

SECTION 16: Other Information

HMIS RATING:

HEALTH 2
 FLAMMABILITY 3
 REACTIVITY 0
 PPE A

KEY:

0 = Minimum
 1 = Slight
 2 = Moderate
 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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