

SAFETY DATA SHEET

MAXLINER®

SECTION 1 . IDENTIFICATION

Product Name: MaxPox 2:1 — Base Product Code: MaxPox 2:1 — Base

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SECTION 2. HAZARD(S) IDENTIFICATION

GHS Ratings:

Skin corrosion/irritation	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Serious eye damage/eye irritation	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitization	1	Skin sensitizer
Chronic aquatic toxicity	C2	Acute toxicity > 1.00 but ≤ 10.0 mg/l and lack of rapid degradability and $\log K_{ow} \geq 4$ unless $BCF < 500$ and unless chronic toxicity > 1 mg/l

GHS Hazards

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects

GHS Precautions

P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P391	Collect spillage
P302+P352	IF ON SKIN: Wash with soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P501	Dispose of contents and container in accordance with all local, regional, national and international regulations

Signal Word: Warning



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Epoxy Resin	25085-99-8	90.00% - 100.00%

SECTION 4. FIRST AID MEASURES

Inhalation: If inhaled remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Remove contacts if present and easy to do. Continue rinsing. Get medical attention, if irritation or symptoms of overexposure persists.

Skin Contact: Wash off immediately with soap and plenty of water. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Rinse immediately with plenty of water. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: 252 C (486 F)

LEL: N/A

UEL: N/A

Suitable Extinguishing Media:

Use water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.

Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing Media:

Do not use direct water jet - may spread the material.

Specific Hazards Arising from the Chemical:

Product is not highly flammable but may burn if heated.

Decomposition or combustion may produce irritating, corrosive, and/or toxic gases including ammonia, nitrogen oxides, carbon oxides, and organic vapors.

Closed containers may rupture when exposed to heat.

Special Protective Equipment and Precautions for Firefighters:

Wear full protective gear and self-contained breathing apparatus (SCBA).

Avoid contact with skin and eyes.

Approach fire from upwind to avoid hazardous vapors and corrosive fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Evacuate personnel to safe areas. Use self-contained breathing apparatus and chemically protective clothing.

Accidental Release Measures:

If possible, stop flow of product.

Methods and Material for Containment and Cleaning Up:

Place in appropriate chemical waste container. Approach suspected leak areas with caution. Call

Emergency Response number for advice.

Environmental Precautions:

Construct a dike to prevent spreading. Do not allow spill to enter into sewers or waterways. Use appropriate containment to avoid environmental contamination.

SECTION 7. HANDLING and STORAGE

Handling Precautions: Use personal protective equipment. Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Keep away from heat and flame. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Storage Requirements: Avoid exposure to heat, light, and air for prolonged periods of time. Store in a cool, dry well ventilated area away from sources of heat and incompatible materials. Eliminate all ignition and incompatible materials. Collect spill with non spark tools.

SECTION 8.EXPOSURE CONTROLS, PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Epoxy Resin 25085-99-8	Not Established	Not Established	Not Established

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactory and meets OSHA or other recognized standards. Consult with local procedures for selection, training, and maintenance of the personal protective equipment.

Eye/face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin and Body Protection: Chemical-resistant gloves and goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection: Not required for properly ventilated areas. Wear appropriate respirator when ventilation is inadequate.

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

Appearance: Not Applicable Vapor Pressure: N/A Vapor Density: N/A Specific Gravity: 1.16 Freezing point: Not Applicable Boiling range: N/A Evaporation rate: Not Applicable Explosive Limits: N/A Autoignition temperature: N/A Viscosity: Not Applicable % Solids by Volume 24.20 Lbs / Gal 9.68	Odor: Not Applicable Odor threshold: Not Applicable pH: Not Applicable Melting point: Not Applicable Solubility: Not Applicable Flash point: 486°F,252°C Flammability: 486°F,252°C Partition coefficient (n- Not Applicable octanol/water): Decomposition temperature: Not Applicable % VOL by Volume 0.00 % Solids by Weight 2.50
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SECTION 10. STABILITY and REACTIVITY

Chemical Stability:
Stable under normal conditions.

STABLE

Incompatible Materials:

No specific data.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION
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Mixture Toxicity

Component Toxicity

Information on Likely Routes of Exposure:

- **Inhalation:** Not available
- **Skin Contact:** Causes skin irritation. May cause an allergic skin reaction upon repeated exposure. Prolonged contact may result in dermatitis.
- **Eye Contact:** Causes severe eye damage with possible permanent injury. Symptoms may include pain, redness, tearing, blurred vision, and burns.
- **Ingestion:** Not available

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

- Burning sensation, redness, blistering, and pain at sites of contact.
- Eye damage may result in blurred vision or blindness.

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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Delayed and Immediate Effects, and Chronic Effects from Short- and Long-Term Exposure:

- Acute Effects: Not available
- Chronic Effects: Not available
- Reproductive Toxicity: Not available

Aspiration Hazard:

- Not expected to present an aspiration hazard.

STOT (Specific Target Organ Toxicity):

- Single Exposure: Not available
- Repeated Exposure: Not available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

- Toxic to aquatic life with long lasting effects.
- Classified as Aquatic Chronic Category 2 (H411).

Persistence and Degradability:

- Not readily biodegradable.
- Expected to persist in the environment under normal conditions.

Bioaccumulative Potential:

- High potential for bioaccumulation

Mobility in Soil:

- Low mobility due to strong adsorption to soil and sediments.
- Spills may slowly leach to groundwater under certain conditions

Other Adverse Effects:

- Avoid release to the environment.
- No data available for ozone depletion potential.

Component Ecotoxicity

SECTION 13. DISPOSAL INFORMATION

Disposal Methods: Contact supplier if guidance is required. The product should not be allowed to enter drains, water courses or the soil; dispose of this material and its container in a safe way.

Contaminated Packaging: Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations. Incineration is the preferred method of disposal. Do not discharge to surface water or drains.

SECTION 14. TRANSPORT INFORMATION

UN Number: UN3082

UN Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)

Transport Hazard Class: Class 9 - Miscellaneous

Packing Group: III

Environmental Hazards: Marine Pollutant

Transport Labels:

- **Ground (DOT): Class 9 (Miscellaneous)**
- **Air (IATA):** Class 9 (Miscellaneous) + Environmentally Hazardous Substance mark
- **Sea (IMDG):** Class 9 (Miscellaneous) + Marine Pollutant mark

DOT (49 CFR):

- UN3082, Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin), 9, PG III
- Limited Quantity exemption may apply if inner containers =5 L (1.3 gal) and properly packaged

IATA (Air Transport):

- UN3082, Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin), 9, PG III
- Limited Quantity exemption: =5 L per package
- Must meet all packing instructions and quantity limits per IATA DGR

IMDG (Maritime):

- UN3082, Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin), 9, PG III
- Marine Pollutant: Yes
- Stowage Category: A

Special Precautions for Users:

- Avoid release to the environment.
- Ensure containers are secure and upright during transport.
- Keep away from heat and incompatible materials.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
AIR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(EPOXY RESIN)	UN 3082	9	III
SEA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Epoxy resin) Consult IMO regulations before transporting ocean bulk	UN 3082	9	III

SECTION 15. REGULATORY INFORMATION

U.S. Regulations:

OSHA (29 CFR 1910.1200): This product is classified as a hazardous chemical under the OSHA Hazard Communication Standard. Hazards may include skin and eye irritation, skin sensitization, or other health effects depending on formulation.

TSCA (Toxic Substances Control Act): All intentionally added components are listed on the TSCA inventory or are exempt from listing.

SARA Title III:

Section 311/312 (Hazard Categories): Acute Health Hazard; Chronic Health Hazard (due to potential for skin sensitization).

Section 313: This product does not contain chemicals subject to reporting above de minimis thresholds unless otherwise noted in Section 3.

California Proposition 65:

This product is not intentionally formulated with substances listed under California Proposition 65. Trace levels of listed substances may be present due to raw material impurities.

Canadian Regulations:

WHMIS Classification (WHMIS 2015, aligned with GHS): Skin Irritation, Serious Eye Irritation, and Skin Sensitization.

Symbols/Pictograms: Exclamation Mark.

Hazardous Products Act (HPA): Components may be listed on the Ingredient Disclosure List as controlled products under the HPA.

European Union Regulations:

Components are expected to be compliant with the EU REACH Regulation and listed in EINECS/ELINCS where applicable.

Classification under CLP (EC 1272/2008): Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2 (varies with formulation).

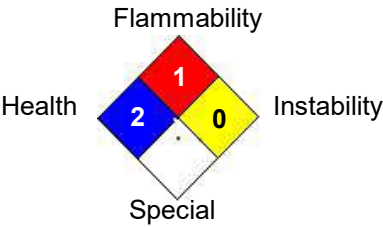
SECTION 16. ADDITIONAL INFORMATION

Hazardous Material Information System (HMIS)

HEALTH		2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION	C	

HMIS & NFPA Hazard Rating
Legend
* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision