

1. Identification

Product Identifier: **Pro Marine Supplies ProArt Epoxy Hardener**
 Use: Component for Mold Making and Casting.
 Manufacturer: Pro Marine Supplies
 1458 S 35th Street, Galesburg, MI 49053
 Phone Number: 610-559-8620 (8 a.m. to 6:30 p.m. EST)
 Emergency Phone: CHEMTREC 800-424-9300 or +1 703-527-3887
 E-mail: support@promarinesupplies.com

2. Hazards Identification

GHS Classification:

Acute Toxicity (Oral) - Category 4
 Skin Irritation - Category 2
 Eye Damage - Category 1
 Skin Sensitization - Category 1
 Toxic to Reproduction - Category 2
 Specific Target Organ Toxicity – Repeated Exposure Category 2

Label Elements: Danger



Hazard Phrases

H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H361 Suspected of damaging fertility or the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Phrases

P203 Obtain, read and follow all safety instructions before use.
 P260 Do not breathe fumes, vapors or mists.
 P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing should not be allowed out of the work place.
 P280 Wear protective gloves, protective clothing and eye protection.
 P301+P317 IF SWALLOWED: Get medical help.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P318 IF exposed or concerned, get medical advice.
 P319 Get medical help if you feel unwell.
 P330 Rinse mouth.
 P333+P317 If skin irritation or rash occurs: Get medical help.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P405 Store locked up.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: None.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Modified amine adduct	Proprietary	60-90
Trade Secrete Additives	Proprietary	<15
Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentration limits.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention immediately.
Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops or persists.
Inhalation: Remove person to fresh air. Get medical attention if symptoms develop or persist.
Ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.
Most Important Symptoms/Effects: Causes serious eye damage.
Indication of Immediate Medical Attention/Special Treatment: Get immediate medical attention if in eyes or swallowed.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or eruption.
Specific Hazards: Not classified as flammable or combustible. Product will burn under fire conditions.
Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors.
Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment.

7. Handling and Storage

Safe Handling: Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep container closed when not in use.
Safe Storage: Store indoors at temperatures below 120°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: For Trade Secret Additives:
 ACGIH TLV 1 ppm TWA
Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.
Respiratory Protection: If ventilation is inadequate, use a properly fitted, NIOSH-approved, air-purifying respirator with organic vapor cartridges. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).
Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.
Eye Protection: Wear chemical safety glasses or goggles.
Other Protective Measures: An eye wash facility and washing facility should be available in the work area. Avoid skin contact. Follow good Industrial Hygiene practices.

9. Physical and Chemical Properties

Appearance: Clear, colorless to light purple
Odor: No data available
Odor Threshold: No data available
pH: Alkaline

Melting Point: No data available
Boiling Point: No data available
Flash Point: >205°F
Evap. Rate: No data available
Flamm. Limits: No data available
Vapor Pressure: No data available
Vapor Density: >1 (Air = 1)
Relative Density: No data available
Solubility: No data available
Partition Coefficient: n-octanol/Water: No data available
Auto-Ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

10. Stability and Reactivity

Reactivity: No specific data is available for this product.
Chemical Stability: Stable under recommended conditions.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: No data available.
Incompatible Materials: Reactive or incompatible with acids and epoxy resins.
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition should not occur.

11. Toxicological Information

Eye Contact: Causes serious eye damage.
Skin Contact: Causes skin irritation. May cause an allergic skin reaction.
Inhalation: May cause mild respiratory irritation.
Ingestion: Harmful if swallowed.
Chronic Health Effects: May cause an allergic skin reaction.
Acute Toxicity Values: Product is considered Acute Toxicity – Oral Category 4 based on toxicity data for hazardous constituents.
Respiratory Sensitization: Components are not respiratory sensitizers.
Skin Sensitization: Components are skin sensitizers.
Germ Cell Mutagenicity: Components are not known mutagens.
Carcinogenicity: Components are not designated as carcinogens by NTP, IARC, or OSHA.
Reproductive Toxicity: Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity: May cause damage to organs through prolonged or repeated exposure.

12. Ecological Information

Ecotoxicity: Very toxic to aquatic life with long lasting effects. Do not release into waterways.
Persistence and Degradability: Not readily biodegradable.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. Disposal Considerations

Minimize waste generation. Dispose of with a licensed waste disposal contractor. Do not dispose of down the drain. Dispose according to local, state and federal regulations.

14. Transport Information

Not regulated for transport by any mode.
Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Components are not subject to this reporting requirement. Some states have more strict reporting requirements.

SARA TITLE III Section 311/312: Acute/Chronic Health
Section 313 Toxic Chemicals: This product contains chemicals subject to SARA Title III Section 313 Reporting requirements:

Phenol, 4-nonyl-, branched 40-50%

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: Components in this product are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: WARNING: This product can expose you to chemicals including Propylene oxide which is known to the State of California to cause cancer. www.P65Warnings.ca.gov

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

SDS Revision Notes: GHS Format: August 25, 2020

Disclaimer: The information contained herein is considered accurate; however, Pro Marine Supplies makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.