

1. Identification

Product Identifier: 1:1 Fast Set Hardener / Epoxy Curing Agent
 Use: Epoxy Curing Agent / Hardener. For Professional / Industrial Use Only.
 Manufactured for: DIY EPOXY
 3833 W. Industrial Loop
 Coeur d' Alene, ID 83815
 Phone Number: 208-667-4066 (8-4 Pacific Time, M-F)
 Emergency Phone: CHEMTREC 800-424-9300 or +1 703-527-3887
 E-mail: office.diyepoxy@gmail.com

2. Hazards Identification

GHS Classification:

Acute Toxicity – Oral Category 4
 Acute Toxicity – Dermal Category 4
 Skin Corrosion – Category 1B
 Serious Eye Damage – Category 1
 Toxic to Reproduction – Category 2
 Hazardous to the Aquatic Environment – Chronic Hazard Category 3

Label Elements: Danger



Hazard Phrases

H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H361 Suspected of damaging fertility or the unborn child.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary Phrases

P203 Obtain, read, and follow all safety instructions before use.
 P260 Do not breathe mists.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves, protective clothing, eye protection, and face protection.
 P301+P317 IF SWALLOWED: Get medical help.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P302+P361+P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P316 Get emergency medical help immediately.
 P317 Get medical help.
 P318 IF exposed or concerned, get medical advice.
 P330 Rinse mouth.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: This is one part of a two-part system. Read and understand the hazard on the resin before use.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
4-Nonylphenol, branched	84852-15-3	70-80
Trade Secret Amines	Proprietary	0-10
Trade Secret Additives	Proprietary	20-30

Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are not hazardous or are 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 immediately.

Inhalation: Remove person to fresh air. Get medical attention if you feel unwell.

Ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.

Most Important Symptoms/Effects: Harmful if swallowed and in contact with skin. Causes severe skin burns and eye damage.

Indication of Immediate Medical Attention/Special Treatment: Get immediate medical attention if on skin, in eyes, or ingested.

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. Do not breathe mists. 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 N,N-diethylhydroxylamine:
 ACIGH TLV 2 ppm TWA

For Cyclohexanone:
 ACIGH TLV 20 ppm TWA, 50 ppm STEL

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: Liquid, clear

Odor: No data available

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Boiling Point: No data available

Flash Point: No data available

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: 0.98

Solubility: No data available

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: 3,600 cps @ 25°C

10. Stability and Reactivity

Reactivity: Not normally reactive.

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.

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: Harmful in contact with skin. Causes severe skin burns. May cause allergic reaction to skin.

Inhalation: May cause respiratory irritation.

Ingestion: Harmful if swallowed.

Chronic Health Effects: May cause an allergic skin reaction.

Acute Toxicity Values: For Nonyl Phenol:

Oral LD₅₀ (rat): 1,246 mg/kg

For For N,N-diethylhydroxylamine:

Dermal LD₅₀ (rabbit): 1,300 mg/kg

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: No data available.

12. Ecological Information

Ecotoxicity: Harmful to aquatic life with long lasting effects. Avoid release to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Low potential for bioaccumulation.

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

DOT: UN1760, Corrosive liquid, n.o.s (nonyl phenol, polyoxypropylenediamine), 8, III. LTD QTY if shipped in quantities of 5L (1.32gal) or less.

IMDG/IATA: UN1760, Corrosive liquid, n.o.s (nonyl phenol, polyoxypropylenediamine), 8, III, MARINE POLLUTANT.

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887.

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product does not contain reportable quantities of CERCLA 103 chemicals.

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:

4-Nonylphenol, branched (CAS 84852-15-3) 70-80%

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: This product does not contain chemicals known to the State of California to cause cancer and/or reproductive harm. 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: February 10, 2022

Disclaimer: The information contained herein is considered accurate; however, DIY Epoxy Countertops, Inc. 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.