

1. Identification

Product Identifier: **Amazing Clear Cast Plus Part B**
 Use: Epoxy curative. For Industrial/Professional use only.
 Manufacturer: Polytek Development Corp.
 55 Hilton Street, Easton, PA 18042
 Phone Number: 269-488-4000 (8 a.m. to 5 p.m. EST)
 Emergency Phone: CHEMTREC 800-424-9300 or
 +1 703-527-3887
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2. Hazards Identification

GHS Classification:

Acute Toxicity (Oral) – Category 4
 Acute Toxicity (Dermal) – Category 4
 Skin Irritation – Category 2
 Serious Eye Damage – Category 1
 Reproductive Toxin – Category 2
 Hazardous to the Aquatic Environment – Acute Hazard Category 2
 Hazardous to the Aquatic Environment – Chronic Hazard Category 2

Label Elements: Danger



Hazard Phrases

H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H361 Suspected of damaging fertility or the unborn child.
 H401 Toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary Phrases

P203 Obtain, read and follow all safety instructions before use.
 P264 Wash hands 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.
 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.
 P317 Get medical help.
 P318 IF exposed or concerned, get medical advice.
 P330 Rinse mouth.
 P332+P317 If skin irritation occurs: Get medical help.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.
 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 Part A before use.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
4-Nonylphenol, branched	84852-15-3	50-60
Proprietary Amine	Proprietary	40-50
Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention immediately. Wash contaminated clothing before reuse.

Inhalation: Remove person to fresh air. Get medical attention if symptoms develop or persist.

Ingestion: Rinse mouth. Do not induce. Get medical attention immediately.

Most Important Symptoms/Effects: Harmful if swallowed and in contact with skin.

Indication of Immediate Medical Attention/Special Treatment: Get immediate medical attention if on skin, 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: None established.

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 amber liquid

Odor: Ammonia-like

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: 0.97 @ 25°C

Solubility: No data available

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

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: <2000 cPs @ 25°C

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: Harmful in contact with skin. Causes skin irritation.

Inhalation: May cause respiratory irritation.

Ingestion: Harmful if swallowed.

Chronic Health Effects: No data available.

Acute Toxicity Values: For Nonyl Phenol (84852-15-3):

Oral LD₅₀ (rat): 1,246 mg/kg

For Proprietary Amine:

Oral LD₅₀ Rat: 550 mg/kg

Dermal LD₅₀ Rabbit: >1,000 mg/kg

Respiratory Sensitization: Components are not classified as respiratory sensitizers.

Skin Sensitization: Components are not classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not classified as carcinogens.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity: No data available.

12. Ecological Information

Ecotoxicity: Toxic to aquatic life with long lasting effects. Do not release into waterways.

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: Non-bulk packages (<119gal or <882lb) are not regulated for transport.

Bulk packages: UN3082, Environmentally hazardous substance, liquid, n.o.s (nonyl phenol), 9, III

IATA/IMDG: UN3082, Environmentally hazardous substance, liquid, n.o.s. (nonyl phenol), 9, III, MARINE POLLUTANT.

Excepted from IATA and IMDG regulations if shipped in quantities of 5L (1.32gal) or less. (See IATA SP A197 and IMDG 2.10.2.7).

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 the following chemicals subject to SARA Title III Section 313 Reporting requirements:
4-nonylphenol, branched (CAS 84852-15-3) 50-60%

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: July 10, 2020; Reviewed and updated: November 16, 2021; Reviewed and updated: September 26, 2022

Disclaimer: The information contained herein is considered accurate; however, Polytek® Development Corp. 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.