



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: Epoxy 907
Two Part Adhesive
Part B

Product Use: Hardener part of a two part adhesive

MANUFACTURER/DISTRIBUTOR:

Miller-Stephenson Chemical
55 Backus Ave.
Danbury, Conn. 06810 USA
(203) 743-4447

Emergency Phone Number:
(800) 424-9300

2. HAZARDS IDENTIFICATION

**DANGER: HARMFUL IF SWALLOWED.
CAUSES SEVERE SKIN BURNS AND DAMAGE.
MAY CAUSE ALLERGIC SKIN REACTION.**

Hazard classification

Acute toxicity oral: Category 4
Skin Corrosion: Category 1C
Serious Eye Damage: Category 1
Skin Sensitization: Category 1

Pictograms



Precautionary Statements

Prevention: Avoid breathing vapors, mist or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

Response: If SWALLOWED: Immediately call poison control or physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Immediately call a poison control center or physician. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

Disposal: Dispose of the contents and/or container according to Federal, State and local government regulations.

3. INGREDIENTS

<u>Material (s)</u>	<u>CAS No.</u>	<u>Approximate %</u>
C36 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	68082-29-1	30 - 60
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	68443-08-3	10 - 30
4,4'-Isopropylidenediphenol	80-05-7	1 - 5
Silica, amorphous, fumed, crystal-free	112945-52-5	1 - 5
Triethylenetetramine	112-24-3	1 - 5
Titanium dioxide	13463-67-7	1 - 5

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.

Oral: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything to an unconscious person. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point: 216°F/102°C

Method: TOC

Autoignition Temperature: Not available

Flammable Limits in Air, % by Vol.: Not available

Fire and Explosion: In event of fire, cool containers with water spray.

Extinguishing Media: Water spray (fog), dry chemical, carbon dioxide and foam.

Special Fire Fighting Instruction: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Toxic fumes. Irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains, sewers or open waters.

Clean-up methods: Ensure adequate ventilation. Wear appropriate personal protective equipment. Soak up with inert material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling: Do not breathe mist or vapors. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.

Storage: Keep in a cool, well ventilated area away from heat, sparks, flames, other sources of ignition and incompatible materials. Keep container tightly closed until ready for use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Limits (TWA):</u>	<u>TLV (ACGIH)</u>	<u>PEL (OSHA)</u>
C36 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	None	None
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	None	None
4,4'-Isopropylidenediphenol	None	None
Silica, amorphous, fumed, crystal-free	10 mg/m ³ TWA Inhalable dust. 3 mg/m ³ TWA Respirable fraction.	20 mppcf TWA 0.8 mg/m ³ TWA
Triethylenetetramine	None	None
Titanium dioxide	10 mg/m ³ TWA	15 mg/m ³ TWA (Total dust)

Engineering controls: Use local exhaust ventilation to maintain worker exposure below established exposure limits.

Respiratory protection: Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

Skin protection: Chemical resistant, impermeable gloves.

Eye/face protection: Safety goggles or safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 634°F/334°C

VOC: 0%; 0 grams/liter

Specific Gravity: 0.9

Vapor Pressure(mmHg): N.A.

Vapor Density: 9.6

Solubility in H₂O: Negligible

pH Information: N.A.

Evaporation Rate (Ether=1): N.A.

Form: Paste

Appearance: Viscous cream liquid

Color: Cream, White

Odor: Ammonia

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: None under normal processing.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Toxic fumes. Irritating vapors.

Incompatibility: Strong acids. Strong oxidizing agents.

Conditions to avoid: Keep away from heat, ignition, and incompatible materials. Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: Inhalation of vapors or mists of the product may cause severe irritation or burns.

Skin Contact: Causes skin burns. May cause allergic skin reaction.

Eye Contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal tract irritation if swallowed. Nausea. Vomiting. Harmful if swallowed.

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
C36 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	No	No	No
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	No	No	No
4,4'-Isopropylidenediphenol	No	No	No
Silica, amorphorous, fumed, crystal-free	No	No	No
Triethylenetetramine	No	No	No
Titanium dioxide	No	Group 2B	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs	LD50s and LC50s
C36 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	No Records	None
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	Irritant, Allergen	None
4,4'-Isopropylidenediphenol	Allergen, Blood, Irritant, Kidney, Reproductive, Spleen	Oral LD50(Rat) = 4100mg/kg Oral LD50(Rat) = 3300mg/kg
Silica, amorphous, fumed, crystal-free	Nuisance dust	
Triethylenetetramine	Allergen, Corrosive, Developmental, Irritant, Mutagen	
Titanium dioxide	Irritant, Respiratory, Some evidence of carcinogenicity	

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose according to local, state, federal and provincial regulations.

EPA hazardous waste number: It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery (RCRA) at the time of disposal.

14. TRANSPORT INFORMATION

U.S. DOT

Proper Shipping Name: Consumer Commodity

Hazard Class: ORM-D

Identification No. None

Packing Group: None

IATA

Proper shipping name: Corrosive liquid, basic, organic, n.o.s. (Amidoamine resin)

Hazard class: 8

Identification number: UN 3267

Packing group: III

IMDG

Proper shipping name: Corrosive liquid, basic, organic, n.o.s. (Amidoamine resin)

Hazard class: 8

Identification number: UN 3267

Packing group: III

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimus.

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard

CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). 4,4'-Isopropylidenediphenol (CAS# 80-05-7).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

FOR INDUSTRIAL USE ONLY

REVISION DATE: JANUARY 2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user.