

ACO Polymer Products, Inc.
USA

12080 Ravenna Road
P.O. Box 245
Chardon, Ohio 44024
Tel. 800 / 543-4764
216 / 285-7000
Fax 216 / 285-7005



Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

IDENTITY (As Used on Label and List) **ACO SEAL** *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name ACO Polymer Products, Inc.	Emergency Telephone Number (800) 424-9300
Address (Number, Street, City, State, and ZIP Code) 12080 Ravenna Rd. P.O. Box 245	Telephone Number for Information (800) 543-4764
Chardon, Ohio 44024	Date Prepared May 6, 1993
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Part A - Polyethylene Polyamine (Diethylene Triamine) CAS No. 111-40-0	32%	1 PPM Skin	N/A	
Part B - Modified Epoxy Resin	13%	Not Established	N/A	
Part C - Talc CAS No. 14807-96-6	75%	2 ng/M³	N/A	

Section III — Physical/Chemical Characteristics

Boiling Point A: 500-554° B: 394°F C: N/A	Specific Gravity (H ₂ O = 1) A: 1.0 B: 1.19 C: 2.75
Vapor Pressure (mm Hg.) A: 1mm Hg B: 1mm Hg C: N/A	Melting Point A: N/A B: N/A C: N/A
Vapor Density (AIR = 1) A: 1 B: N/A C: N/A	Evaporation Rate (Butyl Acetate = 1) A: 1 B: 1 C: N/A
Solubility in Water A: Slight B: Slight C: N/A	
Appearance and Odor A: Amber liquid B: Gray liquid C: White Powder - no odor	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) A: 200°F B: 235°F C: N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
Dry chemical, Foam, CO₂ or water spray, class B fire

Special Fire Fighting Procedures
Water should be used to cool fire exposed containers. Use water to disperse vapors or flush spills away from exposure. Wear self contained breathing apparatus, eye protection and full protective clothing. No unusual fire or explosion hazards.

Unusual Fire and Explosion Hazards

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stage A, B, C	X	A: Excessive heat, acid, acidic curing agents and epoxy resins B: Strong acids, amines, mercaptans, alkali bases C: N/A

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

A & B: Thermal decomposition produces carbon monoxide, CO₂, NOX

Hazardous Polymerization	May Occur A, B	X	Conditions to Avoid
	Will Not Occur C	X	A and B: strong acids, alkali bases

Section VI — Health Hazard Data

Routes of Entry:	Inhalation?	Part C	Skin?	Parts A, B	Ingestion?	Parts A, B, C
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Health Hazards (Acute and Chronic)

A & B may cause eye irritation. May cause skin rash or irritation. Certain individuals may be allergic. Harmful if swallowed. C may cause eye irritation. Inhalation may cause coughing, wheezing, difficult breathing and upper respiratory irritation.

Emergency and First Aid:

- Skin: Immediately wash area with soap and warm water
- Eyes: Flush with running water for 15 minutes, contact physician
- Inhalation: Remove to fresh air. If not breathing, administer artificial respiration. Call physician immediately.
- Ingestion: B and C: Give liquids, induce vomiting. A: no vomiting, call physician.

Section VII — Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Ventilate area. Absorb with inert material (sand, clay, etc.). Scoop up and place in adequate disposal container. Flush area with water. Do not allow washings to enter waterway. Put soiled rags and cloths in closed metal container.

Waste Disposal Methods

Dispose of in accordance with Federal, State and Local regulations.

Precautions to be Taken in Handling and Storing
N/A

Other Precautions
N/A

Section VIII — Control Measures

Respiratory Protection (Specify Type)

CSHA/NIOSH approved organic cartridge respirator

Exhaust	Adequate fresh air	Special	N/A
Mechanical	Adequate fresh air	Other	N/A

Protective Gloves

Impervious rubber or plastic

Eye Protection

Chemical goggles or glasses with shields

Other Protective Clothing or Equipment

Full protective clothing

Other Hygienic Practices

Practice good housekeeping. Wash hands after use.