

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**C-JOINT / #2445****FEBRUARY 2010****PAGE 1**

HEALTH	2
FIRE	1
REACTIVITY	0
P.P.E.	G

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**IDENTITY INFORMATION:** Epoxy Resin – Part A**SECTION 2 – Composition on Ingredients**

NAME	CAS #	HAZARD CODE
Resin Compound	25068-38-6	Non-Hazardous
C C Alkylglycidyl Ether	686609-97-2	

SECTION 3 – Hazards Information

PRIMARY ROUTE(S): Inhalation, Skin, Ingestion
SIGNS AND SYMPTOMS OF EXPOSURE: Irritant to eye, skin and respiratory system. Prolonged contact may or may not result in chemical burns. Repeated handling may cause dermatitis and allergies.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Neurological disorders, skin disorders and allergies

CARCINOGENICITY: No **NTP:** N/A
IARC MONOGRAPHS: N/A **OSHA REGULATED:** N/A

SECTION 4 – First Aid Measures

EMERGENCY & FIRST AID PROCEDURES: Wash for 15 minutes in case of eye contact. Call a physician immediately. The same procedures for nose and throat. If ingested, drink 3-4 glasses of milk. Do not induce vomiting. Wash clothing with soap & water. Discard shoes. Clean skin with waterless hand cleaner, then wash with soap and water.

SECTION 5 – Fire Fighting Measures

FLASH POINT: PMCC 240°F **FLAMMABLE LIMITS:** LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Water fog, Carbon Dioxide or Dry chemicals
SPECIAL FIRE FIGHTING PROCEDURES: Do not breathe fumes. Do not allow to reach streams, rivers, etc. If so, notify proper authorities.
UNUSUAL FIRE/EXPLOSIVE HAZARDS: N/A

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop leak. Pump to salvage area or tank. Absorb remaining on paper, sand, clay, earth, vermiculite, floor absorbent or other absorbent materials. Shovel into containers

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: Wear protective boots, goggles, and long sleeve shirts and long pants to protect skin and eyes. Gloves are also to be worn
OTHER PRECAUTIONS: Provide ventilation from exhaust fans

SECTION 8 – Exposure Controls/Personal Protection

VENTILATION: YES – provide through use of exhaust fans.
PROTECTIVE GLOVES: YES **EYE PROTECTION:** Goggles
RESPIRATORY PROTECTION: Self-contained respirators are recommended.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long sleeve shirts, long pants and boots.

WORK & HYGIENIC PRACTICES:

Isolated contact with skin can be cleaned off the skin by the use of waterless hand cleaners. Followed by washing with soapy water. Rinse and dry with paper towels. DO NOT use solvent

SECTION 9 – Physical and Chemical Properties

APPEARANCE/ODOR: White liquid of moderate viscosity, almost odorless
EVAPORATION RATE : N/A
SOLUBILITY IN WATER: Insoluble **SPECIFIC GRAVITY (H20=1):** 1.15@68°F
MELTING POINT: N/A **VAPOR PRESSURE (mm Hg@77°F):** 0.003
VAPOR DENSITY (AIR=1): >1.0 **BOILING POINT:** 425°F

SECTION 10 – Stability and Reactivity

STABILITY: Stable
INCOMPATIBILITY: Mineral acids, strong oxidizing agents and bases
CONDITIONS TO AVOID: Mineral Acids
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION/BY-PRODUCTS: CO₂, CO-hydrocarbons
CONDITIONS TO AVOID: Do not smoke, eat or drink while using this material.

SECTION 11 – Toxicological Information

No Data Available

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration

WASTE DISPOSAL: Always consult Federal, State, and Local Disposal Authorities.

SECTION 14 – Transport Information

Non-Hazardous

SECTION 15 – Regulatory Information

No Data Available

SECTION 16 – Other Information

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.
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SECTION 1 – Chemical and Company Identification**IDENTITY INFORMATION:** Part B**SECTION 2 – Composition on Ingredients**

NAME	CAS #	HAZARD CODE
Tetraethylene Pentamine	112-57-2	
N-aminoethylpiperazine	140-31-8	
Nonyl Phenol	25154-52-3	
Tall Oily Fatty Acid	68953-36-6	
Polyoxyalkyleneamine	9046-10-0	

SECTION 3 – Hazards Information**PRIMARY ROUTE(S):** Inhalation, Skin, Ingestion**SIGNS AND SYMPTOMS OF EXPOSURE:** Chemical burns can happen.**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Irritant to eyes, skin and respiratory system. Prolonged contact may or may not result in chemical burns. Repeated handling may cause dermatitis and allergies.**CARCINOGENICITY:** No **NTP:** N/A **IARC MONOGRAPHS:** N/A **OSHA REGULATED:** N/A**SECTION 4 – First Aid Measures**

EMERGENCY & FIRST AID PROCEDURES: Wash for 15 minutes in case of eye contact. Call a physician immediately. The same procedures for nose and throat. If ingested, drink 3-4 glasses of milk. Do not induce vomiting. Wash clothing with soap & water. Discard shoes. Clean skin with waterless hand cleaner, then wash with soap and water.

SECTION 5 – Fire Fighting Measures

FLASH POINT: PMCC 240°F **FLAMMABLE LIMITS:** LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Water fog, Carbon Dioxide or Dry chemicals
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Keep cool with water fog.
UNUSUAL FIRE/EXPLOSIVE HAZARDS: N/A

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop leak. Pump to salvage area or tank. Absorb remaining on paper, sand, clay, earth, vermiculite, floor absorbent or other absorbent materials. Shovel into containers.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: Wear protective boots, goggles, and long sleeve shirts and long pants to protect skin and eyes. Gloves are also to be worn
OTHER PRECAUTIONS: Provide ventilation from exhaust fans.

SECTION 8 – Exposure Controls/Personal Protection

VENTILATION: YES – provide through use of exhaust fans.
PROTECTIVE GLOVES: YES **EYE PROTECTION:** Goggles
RESPIRATORY PROTECTION: Self-contained respirators are recommended
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long sleeve shirts, long pants and boots.
WORK & HYGIENIC: Isolated contact with skin can be cleaned off the skin by the use of waterless

PRACTICES:

hand cleaners. Followed by washing with soapy water. Rinse and dry with paper towels. DO NOT use solvent.

SECTION 9 – Physical and Chemical Properties

APPEARANCE/ODOR: Medium viscosity liquid with ammonia odor
EVAPORATION RATE : N/A
SOLUBILITY IN WATER: Slight
MELTING POING: N/A
VAPOR DENSITY (AIR=1): N/A
SPECIFIC GRAVITY (H20=1): 0.97@68°F
VAPOR PRESSURE (mm Hg@77°F): <1
BOILING POINT: N/A

SECTION 10 – Stability and Reactivity

STABILITY: Stable
INCOMPATIBILITY: N/A
CONDITIONS TO AVOID: Acids and strong oxidizers
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION/BY-PRODUCTS: Nitrous Oxide and Carbon Monoxide
CONDITIONS TO AVOID: Epoxy resins unless thoroughly trained

SECTION 11 – Toxicological Information

No Data Available

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration**WASTE DISPOSAL:** Always consult Federal, State, and Local Disposal Authorities.**SECTION 14 – Transport Information**

D.O.T Shipping Name, Corrosive Liquids, NOS (Amines) 8, UN1760
PG II Item # 35180

SECTION 15 – Regulatory Information

No Data Available

SECTION 16 – Other Information

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