

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**FIRM GRIP / #2448****JUNE 2008****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** Part A**SECTION 2 – Composition on Ingredients**

NAME	CAS #
Epoxy Resin	25068-38-6
Ethylhexyl Glycidyl Ether	002461-15-6
Ethylhenanol	0001044-76-7

SECTION 3 – Hazards Information

PRIME ROUTE(S):	Inhalation, Skin, Ingestion
HEALTH HAZARDS:	Severe eye, skin and respiratory irritant.
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
IARC MONOGRAPHS	N/A
NTP:	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. Get medical attention immediately.
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SECTION 5 – Fire Fighting Measures

FLASH POINT:	PMCC 280°F	FLAMMABLE LIMITS:	LEL: N/E 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/E

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 with paper, sand, clay, earth, vermiculite, floor absorbent or other absorbent materials. Shovel into containers.
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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 –exhaust fans.
RESPIRATORY PROTECTION:	Self-contained respirators are recommended
PROTECTIVE GLOVES:	Yes
EYE PROTECTION:	Goggles
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:	Clear liquid, sweet odor.
EVAPORATION RATE :	N/A
SOLUBILITY IN WATER:	Nil
MELTING POINT:	N/A
VAPOR DENSITY (AIR=1):	N/A
SPECIFIC GRAVITY (H20=1):	1.13@68°F
VAPOR PRESSURE:	N/A
BOILING POINT:	N/A

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:	CO ₂ , 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**

No Data Available

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.

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SECTION 1 – Chemical and Company Identification**IDENTITY INFORMATION** Part B**SECTION 2 – Composition on Ingredients**

NAME	CAS #
Methylene Di (Cyclohexylamine)	1761-71-3
Benzyl Alcohol	100-51-6
Nonyl Phenol	25154-52-3
Titanium Dioxide	13463-67-7
Calcium Carbonate	471-34-1

SECTION 3 – Hazards Information**PRIME ROUTE(S):** Inhalation, Skin, Ingestion**SIGNS AND SYMPTOMS OF EXPOSURE**
MEDICAL CONDITIONS AGGRAVATED BY EXPOSUREChemical burns can happen.
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
IARC MONOGRAPHS N/A**NTP:** N/A
OSHA REGULATED: No**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. Get medical attention immediately.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** PMCC 240°F **FLAMMABLE LIMITS:** LEL: 1.0% 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**
OTHER PRECAUTIONS: Wear protective boots, goggles, and long sleeve shirts and long pants to protect skin and eyes. Gloves are also to be worn. Provide ventilation from exhaust fans.**SECTION 8 – Exposure Controls/Personal Protection****VENTILATION:** Provide thorough 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:** Color liquid, ammonia odor
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Nil **SPECIFIC GRAVITY (H20=1):** 1.55@68°F
MELTING POINT: N/A **VAPOR PRESSURE:** N/A
VAPOR DENSITY: N/A **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 resin 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**

No Data Available

SECTION 15 – Regulatory Information

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SECTION 16 – Other Information

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