

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
CRACK FILLER/2123
JULY 2014
PAGE 1

HEALTH	3
FIRE	1
REACTIVITY	0
P.P.E.	

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

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Crack Filler 2K Epoxy Resurfacer-Part A

SECTION 2 – Composition on Ingredients

Chemical Name	CAS #	WT %	TLV-(WA)	TLV (SEL)	PEL	Vapor Pressure (mm Hg)	Known or Suspected Carcinogen	SEC 313 Reportable
Phenol	108-95-2	10-30	5 ppm	Not Est.	5 ppm	1.3	No	Yes
Trimethyl-hexamethylenediamine	25620-58-0	70-90	Not Est.	Not Est.	Not Est.	0.3	No	No

SECTION 3 – Hazards Information**EFFECTS OF OVEREXPOSURE:**

- EYES:** Corrosive—Causes eye burns. May cause blindness. Severe eye irritant.
SKIN: Corrosive—Causes skin burns. Severe skin irritant. May cause allergic skin reaction. May be absorbed through skin.
INHALATION: Corrosive—May cause respiratory tract burns, irritation, dizziness, headache, blurred vision, weakness, fatigue. May cause delayed lung injury. Severe cases may result in respiratory failure.
INGESTION: Corrosive—May cause severe gastrointestinal burns including mouth, throat, esophagus, and stomach. May cause nausea, vomiting, and diarrhea.

MEDICAL CONDITIONS PRONE TO AGGRAVATION: Respiratory tract sensitivity, allergies, skin conditions.

PRIMARY ROUTES OF ENTRY: Inhalation, Skin, Ingestion.

SECTION 4 – First Aid Measures**EMERGENCY & FIRST AID PROCEDURES:**

- SKIN:** Immediately remove contaminated clothing and any extraneous chemical. Gently flush with large amounts of water. Get medical attention immediately. If medical attention is not immediately available, continue to irrigate for one hour. Cover wound with sterile dressing.
NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.
EYES: Gently flush with large amounts of water. Get medical attention immediately. If medical attention is not immediately available, continue to irrigate for one hour.
INHALATION: If affected, remove person to fresh air and consult a physician. If breathing is difficult, administer oxygen and get medical attention. If breathing has stopped, give artificial respiration and get medical attention immediately. Keep person warm and quit.
INGESTION: Get medical attention immediately. DO NOT INDUCE VOMITING unless directed to do so by qualified medical personnel. Keep person warm and quiet.

SECTION 5 – Fire Fighting Measures

FLAMMABILITY CLASSIFICATION: OSHA – Combustible Liquid – Class IIIB
DOT – Corrosive

EXTINGUISHING MEDIA: Dry Chemical, Carbon dioxide, Foam
FLASH POINT (°F): >200 **LEL:** Not Established

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may build pressure and explode if exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES: May generate ammonia gas and/or other toxic gases. Downwind personnel must be evacuated. Water may be used to cool containers not involved in the fire to reduce pressure buildup. Firefighters should use self-contained breathing apparatus with full face-piece operated in pressure demand or other positive pressure mode. Spilled material will be slippery.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear protective clothing, gloves, and face protection. Small spills may be absorbed on vermiculite, clay, or other absorbent. Sweep up powder and put in DOT approved waste containers. Large spills should be diked to contain the material and the liquid pumped into a salvage tank. Protect sewers, waterways, and environmentally sensitive areas from runoff.

WASTE DISPOSAL METHOD: Check company's policy on disposal. Disposal should be in accordance with all local, state, and federal regulation.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not store near acids or in reactive metal containers such as copper, aluminum, zinc, or galvanized metal. Keep closures tight and containers upright to prevent leakage. Do not store in high heat or allow material to freeze. Recommend storing in areas where temperature is kept at 60-80°F. Do not let personnel use without proper hazardous material safety training. KEEP OUT OF REACH OF CHILDREN. Do not store near sparks, flame, or other sources of ignition.

OTHER PRECAUTIONS: All containers should be disposed of in accordance with local, state, and federal regulations. Do not reuse containers. Empty containers will contain residue that may be hazardous (See sections above).

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Wear a vapor/mist and/or particulate respirator (NIOSH approved) if airborne concentrations are at or above applicable limits (see section II). In poorly ventilated or confined spaces, use a fresh air supplying respirator or self-contained breathing apparatus (NIOSH approved).

VENTILATION: Sufficient ventilation in volume and pattern should be provided to keep air contamination below applicable limits (see section II).

PROTECTIVE GLOVES: Impermeable gloves.

EYE PROTECTION: Chemical goggles at a minimum. Face shield recommended.

OTHER PROTECTIVE EQUIPMENT: Long sleeves, impervious boots and apron to protect from contact. Impervious clothing recommended.

HYGIENIC PRACTICES: Wash hands with soap and water after use and before eating, smoking, or using restroom.

SECTION 9 – Physical and Chemical Properties

BOILING RANGE (°F):	>392	VOLATILE VOLUME:	Trace
ODOR:	Mild Odor	EVAPORATION RATE:	Slower than ether
APPEARANCE:	Clear Liquid	SOLUBILITY IN WATER:	Slightly Miscible
VOLATILE WEIGHT:	Trace	VAPOR DENSITY:	Heavier than air
DENSITY (lbs/gal):	8.2	VOC (grams/liter):	0-Trace

SECTION 10 – Stability and Reactivity

STABILITY: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: May yield ammonia, carbon monoxide, carbon dioxide, oxides of nitrogen (can react with water to form corrosive nitric acid), aldehydes, various hydrocarbons, and other toxic materials.

CONDITIONS TO AVOID: Do not store in areas of extreme temperatures. Do not use near sparks, flame, or other ignition sources.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

NO WARRANTY IS EXPRESSED/ IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/ USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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INCOMPATIBILITY: Strong acids and alkalis, bleach, strong oxidizers (reaction with peroxides may result in violent decomposition of peroxide), reactive metals, nitrous acid, or atmospheres high in nitrous oxide concentrations may form N-Nitrosamines (many of which are potent carcinogens).

SECTION 11 – Toxicological Information

No Data Available.

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Check company's policy on disposal. Disposal should be in accordance with local, state and federal regulations.

SECTION 14 – Transport Information

No Data Available.

SECTION 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: WARNING: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 – Other Information

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

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SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Crack Filler 2K Epoxy Resurfacer-Part B

SECTION 2 – Composition on Ingredients

Chemical Name	CAS #	WT %	TLV- (TWA)	TLV (SEL)	PEL	Vapor Pressure (mm Hg)	Known or Suspected Carcinogen	SEC 313 Reportable
Epoxy Resin	25068-38-6	95-100	Not Est.	Not Est.	Not Est.	0.03	No	No

SECTION 3 – Hazards Information**EFFECTS OF OVEREXPOSURE:**

EYES: Irritation, redness, burning, tearing, and blurred vision.
SKIN: Prolonged or repeated skin contact may cause irritation, defatting, dermatitis,. May cause allergic skin reaction.
INHALATION: Respiratory tract irritation, dizziness, headache, blurred vision, weakness, and fatigue.
INGESTION: May cause nausea, vomiting, and diarrhea.

MEDICAL CONDITIONS PRONE TO AGGRAVATION: Respiratory tract sensitivity, allergies, skin conditions.

PRIMARY ROUTES OF ENTRY: Inhalation, Skin, Ingestion.

SECTION 4 – First Aid Measures**EMERGENCY & FIRST AID PROCEDURES:**

EYES: Flush with large amounts of water for at least 15 minutes. Get medical attention
SKIN: Wipe off excess and then wash thoroughly with soap and water for at least 10 minutes. Consult a physician if irritation persists.
INHALATION: If affected, remove person to fresh air and consult a physician. If breathing is difficult, administer oxygen and get medical attention. If breathing has stopped, give artificial respiration and get medical attention immediately. Keep person warm and quiet.
INGESTION: Get medical attention immediately. DO NOT INDUCE VOMITING unless directed to do so by qualified medical personnel. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. Keep person warm and quiet.

SECTION 5 – Fire Fighting Measures

FLASH POINT (°F): 484 **Classification (OSHA):** Combustible Liquid—Class IIIB

EXTINGUISHING MEDIA: Dry Chemical, Carbon dioxide, Foam **Classification (DOT):** Not Regulated

LEL (%): No information

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may build pressure and explode if exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool containers not involved in the fire to reduce pressure buildup. Firefighters should use self-contained breathing apparatus with full face-piece operated in pressure demand or other positive pressure mode. Spilled material will be slippery.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills may be absorbed on vermiculite, clay, or other absorbent. Sweep up powder and put in DOT approved waste containers. Large spills should be diked to contain the material and the liquid pumped into a salvage tank. Protect sewers, waterways, and environmentally sensitive areas from runoff.

WASTE DISPOSAL METHOD: Check company's policy on disposal. Disposal should be in accordance with all local, state, and federal regulations.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Keep closures tight and containers upright to prevent leakage. Do not store in high heat or allow material to freeze. Recommend storing in areas where temperature is kept at 60-80°F. Do not let personnel use without proper hazardous material safety training. KEEP OUT OF REACH OF CHILDREN. Do not store near sparks, flame, or other sources of ignition.

OTHER PRECAUTIONS: All containers should be disposed of in accordance with local, state, and federal regulations. Do not reuse containers. Empty containers will contain residue that may be hazardous (See sections below).

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Wear a vapor/mist and/or particulate respirator (NIOSH approved) if airborne concentrations are at or above applicable limits (see section II). In poorly ventilated or confined spaces, use a fresh air supplying respirator or self-contained breathing apparatus (NIOSH approved).

VENTILATION: Sufficient ventilation in volume and pattern should be provided to keep air contamination below applicable limits (see section II).

PROTECTIVE GLOVES: Impermeable gloves.

EYE PROTECTION: Chemical goggles or face shield.

OTHER PROTECTIVE EQUIPMENT: Long sleeves, impervious boots, and apron to protect from contact.

HYGIENIC PRACTICES: Wash hands with soap and water after use and before eating, smoking, or using restroom.

SECTION 9 – Physical and Chemical Properties

BOILING RANGE (°F):	>500	VOLATILE VOLUME (%):	Trace
ODOR:	Mild Odor	EVAPORATION RATE:	Slower than ether
APPEARANCE:	Clear Liquid	SOLUBILITY IN WATER:	Negligible
VOLATILE WEIGHT (%):	Trace	VAPOR DENSITY:	Heavier than air
VOC (grams/liter):	0-Trace		
DENSITY(lbs/gal):	9.7		

SECTION 10 – Stability and Reactivity

STABILITY: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may yield carbon monoxide, carbon dioxide, oxides of nitrates, and various hydrocarbons.

CONDITIONS TO AVOID: Do not store in areas of extreme temperature. Do not use near sparks, flame, or other ignition sources.

INCOMPATIBILITY: Strong acids and alkalis, bleach, strong oxidizers.

SECTION 11 – Toxicological Information

No Data Available.

SECTION 12 – Ecological Information

No Data Available

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Check company's policy on disposal. Disposal should be in accordance with local, state and federal regulations.

SECTION 14 – Transport Information

DOT: Not Regulated

IMDG: Not Regulated.

IATA: Not Regulated

SECTION 15 – Regulatory Information

CALIFORNIA: Proposition 65: **WARNING:** This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 – Other Information

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

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