



MATERIAL SAFETY DATA SHEET

NITROCAULK B COMPONENT

UCSC
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PHOENIX, AZ 85009

EMERGENCY PHONE #S
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HMIS Information
Health 3
Flammability 1
Reactivity 0

1. PRODUCT IDENTITY

Chemical Name: Mixture of amine compounds

Chemical Formula: N/A, Product is a Mixture

2. HAZARDOUS INGREDIENTS

Chemical & Common Name	CAS #	Wt%	OSHA PEL	ACGIH TLV
(Chemical Identity is Proprietary)		60-90	N/E	N/E
*(Chemical Identity is Proprietary)		10-40	N/E	N/E
(Chemical Identity is Proprietary)		2-20	N/E	N/E

N/E = None Established

*Designates a toxic chemical as defined by SARA Title III, Section 311,312,313 (40 CFR 372)

3. PHYSICAL CHARACTERISTICS

Boiling Range: 586° F

Vapor Pressure (mmHg): 0.9 mm @ 68° F

Specific Gravity: 0.98-1.02

Vapor Density (air=1): 6.2

% Volatile (volume): 0

Evap. Rate (BuOAc=1): No data

Volatile Organic Content (VOC): 0 grams/liter

Solubility (Specify solvent(s)): No data

Appearance and Odor: Clear amber liquid in various colors; characteristic amine odor.

4. FIRE & EXPLOSION DATA

Flash Point: Above 275° F (135° C)

Flammable Limits (% in air): Not established

Extinguishing Media: Dry chemical, foam, carbon dioxide, halogenated agents. Water or foam can cause frothing.

Special Firefighting Procedures: Use water to cool fire-exposed containers. Self-contained breathing apparatus, with full facepiece and protective clothing should be worn.

Unusual Fire and Explosion Hazards: None known.

Reactivity: Product is stable under normal conditions.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known.

Hazardous Decomposition Products:

Combustion Products: Toxic levels of ammonia. Oxides of nitrogen, carbon, and some aldehydes and ketones may also be produced.

5. HEALTH HAZARDS

Primary Routes of Entry: Eye contact, inhalation, ingestion, skin contact.

ACUTE HEALTH EFFECTS:

Eye Contact: Will cause irritation, burning, or chemical burns.

Inhalation: Vapors or mist are irritating and may cause nasal discharge, coughing, and discomfort in nose, throat, and chest. Severe overexposure may result in difficulty breathing, headache, nausea, vomiting, and drowsiness.

Ingestion: Ingestion of this product is expected to be toxic. Oral LD50=485 mg/kg.

Skin Contact: This product can be toxic by dermal absorption. Dermal LD50=700 mg/kg.

EMERGENCY FIRST AID PROCEDURES:

Eye Contact: Wash with clean water for at least fifteen minutes; get medical attention.

Inhalation: Move individual to fresh air. If breathing has stopped, apply artificial respiration; get medical attention immediately.

Ingestion: INDUCE VOMITING immediately by giving two glasses of water or milk to drink; stick finger down throat. Never give anything to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing and decontaminate shoes before reuse.

CHRONIC HEALTH EFFECTS;

Prolonged or repeated overexposure may result in lung damage.

Medical Conditions Aggravated by Exposure: Pre-existing lung or skin conditions could be aggravated by repeated exposure.

6. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Spilled or Released: Ventilate area. Avoid breathing vapor. Use of self-contained breathing apparatus may be required in confined or enclosed areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent.

Waste Disposal Method: Dispose of material in accordance with all federal, state, and local regulations.

7. SPECIAL PROTECTION DATA

Respiratory Protection: Wear MSHA/NIOSH-approved respirator for organic vapors. Ensure workers are trained in their proper use.

Ventilation: Mechanical ventilation, adequate to keep exposure below TLV, is recommended.

Protective Gloves: Neoprene or nitrile rubber.

Eye Protection: Goggles or full face shield.

Other Protection Clothing or Equipment: Eyewash fountain and safety shower should be accessible; impervious protective clothing.

8. HANDLING & STORAGE DATA

Precautions to be Taken in Handling and Storage: Store in a well-ventilated, cool, dry area. Purge with nitrogen and close container when not in use.

Other Precautions: Store in original container; keep tightly closed. Do not reuse container for other purposes. KEEP OUT OF REACH OF CHILDREN.

9. OTHER INFORMATION

TSCA Information: All ingredients are on the TSCA Chemical Substance Inventory.

WHMIS Information: Not all ingredients are confirmed on the Canadian DSL (Domestic Substances List).

10. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Remarks: None

11. TRANSPORT INFORMATION

Transportation:

DOT:

Proper Shipping Name: Corrosive Liquid, N.O.S. (Tripropylene Glycol Diamine)

Hazard Class: 8

Identification Number: UN 1760

Packing Group: III

Label Required: Corrosive

IMDG:

Proper Shipping Name: Not evaluated

ICAO:

Proper Shipping Name: Not evaluated

TDGL:

Proper Shipping Name: Corrosive Liquid, N.O.S. (Tripropylene Glycol Diamine)

Hazard Class: 8

Identification Number: UN 1760

Label Required: Corrosive

12. REGULATORY INFORMATION

Federal Regulations:

SARA Title III: Section 302/304 Extremely Hazardous Substances

Chemical Name	CAS Number	Range in %	TPQ	RQ
None	-	-	-	-

Section 311 Hazardous Categorization:

Acute: X

Section 313 Toxic Chemical

Chemical Name: None

CERCLA 102(a)/DOT Hazardous Substances:

Chemical Name: None

States Right-to-Know Regulations:

Chemical Name: None

State List: CT (Connecticut), FL (Florida), IL (Illinois), MI (Michigan), LA (Louisiana),
MA (Massachusetts), NJ (New Jersey), PA (Pennsylvania), RI (Rhode Island)

California Prop. 65:

The following detectable components of this product are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Chemical Name: None

INTERNATIONAL REGULATIONS:**TSCA Inventory Status:**

This product, or its components, are listed on or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

WHMIS Classification:

Class D, Div. 1, Subdiv. B: Toxic

Class E: Corrosive

Canadian Inventory Status:

This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

EINECS Inventory Status:

Not determined

Australian Inventory Status:

This product, or its components, are listed on or are exempt from the Australian Inventory of Chemical Substances (AICS).

Japan Inventory Status:

This product, or its components, are listed on or are exempt from the Japanese Inventory of Chemical Substances (AICS).