



## 1. PRODUCT AND COMPANY IDENTIFICATION

Company

The Greenstreak Group, Inc.  
3400 Treecourt Industrial Blvd.  
St. Louis, MO 63122

24 Hour Emergency Response Information

CHEMTREC: (800) 424-9300

Product Name: EPOXY 7300  
Revision Date: Dec 12, 2003  
MSDS Number: 5081  
Common Name: Aminopropyl diethanolamine  
Product Code: EPOXY 7300  
Chemical Family: Aminopropyl diethanolamine  
Synonyms: Amines Liquid Corrosive  
Product Use: Epoxy Adhesive

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

<u>CAS Number</u>	<u>Content (%)</u>	<u>Chemical Name</u>
COMPONENT A		
	Base Epoxy Resin	
25068386	>74	Modified Bisphenol A
14807966	<10	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )
471341	<10	Calcium carbonate
1314132	< 5	Zinc oxide (ZnO)
COMPONENT B		
Trade Secret Amine Blend containing one or more of the following:		
100516	<50	
15520102		
1477550		
6864375		
NE		
90722	<5	2,4,6 Tri(dimethylaminomethyl) phenol
14807966	<25	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )
471341	<20	Calcium carbonate

## 3. HAZARDS IDENTIFICATION

Emergency Overview



**Primary routes of exposure:**

Eyes, Skin, Swallowing, Inhalation

**Medical conditions aggravated by overexposure:**

Target Organs: None Known

**Potential Health Effects**

**Inhalation:**

May cause irritation to nose and throat.

**Skin Contact:**

May cause irritation and dermatitis.

**Eye Contact:**

May cause irritation, sensitization and may lead to eye damage.

**Ingestion:**

May cause irritation of the mouth, stomach and sensitization.

This product contains detectable amounts of a chemical known to the State of California to cause birth defects/cancer or other reproductive harm: Epichlorohydrin.

	OSHA PEL	ACGUH TLV
COMPONENT A		
25068386	NE	NA
14807966	5 mg/m3	5mg/m3
471341	5 mg/m3	10mg/m3
1314132	5mg/m3	5 mg/m3
COMPONENT B		
100516	NE	NE
15520102	NE	NE
1477550	NE	NE
6864375	NE	NE
90722	10 mg/m3	5 mg/m3
14807966	5 mg/m3	5 mg/m3
471341	10 mg/m3	5 mg/m3

None of the remaining components are considered a hazardous material or a carcinogen (1910.1200 Hazard Communication (d) 4).

---

#### 4. FIRST AID MEASURES

**If inhaled:**

If respiratory irritation occurs, go to fresh air. Flood work area with fresh air. If irritation continues seek medical attention.

**If on skin:**

Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention. SOLVENTS SHOULD NOT BE USED because they carry the irritant into the skin.



**If in eyes:**

Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold eyelids open during the flush. Immediately seek medical attention.

**If swallowed:**

Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs.

---

**5. FIRE FIGHTING MEASURES**

Flash Point:                   A->200F            B->200F  
Flash Point Method:       Pensky Martens Closed Cup  
Burning Rate:               No data available  
Autoignition Temperature: No data available  
LEL:                            NA  
UEL:                            NA

**Further Information:**

Special Fire Fighting Procedures: None. Avoid breathing smoke. NFPA Class B-C extinguisher (dry chemical or foam) for class 1C fires. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Use supplied breathing masks.

---

**6. ACCIDENTAL RELEASE MEASURES**

**Small Spills:** Absorb with an inert material (sand, vermiculite, etc.) Sweep or scoop up and put into disposal containers. Flush area immediately with water (prevent water from entering waterways).

**Large Spills:**

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Absorb with an inert material (sand, vermiculite, etc.). Sweep or scoop up into disposal containers. Flush area immediately with water ( prevent water from entering waterways).

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area or until spill clean- up has been complete.

---

**7. HANDLING AND STORAGE**

**Handling**

For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with other mixtures (strong acids, bases and oxidizers). Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.

**Storage**



**General Advice:**

Store in a cool/dry location. Do not allow material to freeze, as product may be damaged. Store away from sparks and open flames.

---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Advice on system design**

VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Personal Protective Equipment**

**Respiratory protection:**

Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations ( 29 CFR 1910.134) and, if necessary, wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

**Protective Clothing/Equipment:**

Wear chemically protective gloves, boots, aprons to prevent prolonged or repeated skin contact. Wear protective goggles and face shield, per OSHA eye and face protection regulation (29 CFR 1910.133).

**Contaminated Equipment:**

Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

**Other Precautions:**

Never eat, drink, or smoke in work areas.

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	Gel	
Odor:	A=Mild	B=Strong Distinctive
Color:	A- White gel	B- Gray Gel
Boiling Point:	ND	
Freezing/Melting Pt.:	ND/NE	
PH:	ND	
Vapor Pressure:	N/E	
Vapor Density:	(Air=1)>1	
Solubility:	Insoluble	
Spec Grav./Density:	A=1.47	B=1.53
VOC:	0	
Evap. Rate:	Slower Butyl Acetate	
Viscosity:	Gel	
Percent Volatile:	0	



---

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable

**Conditions to avoid:**

None

**Substances to avoid (incompatibility):**

Strong oxidizers, acids and bases

**Hazardous Decomposition products:**

CO, CO<sub>2</sub>, NO<sub>X</sub>

**Hazardous Polymerization:**

None

---

## 11. TOXICOLOGICAL INFORMATION

No data available

---

## 12. ECOLOGICAL INFORMATION

No data available

---

## 13. DISPOSAL CONSIDERATIONS

When disposed of properly, this material does not meet RCRA classification or listing for hazardous waste. Never dispose of a liquid to a landfill. Spilled material should be stabilized or solidified prior to disposal. Once stabilized/ solidified, the material may be disposed of through normal means. Certain localities and state laws have specific disposal requirements for non- hazardous industrial chemicals. Consult municipal authorities, landfill personnel, disposal companies for details prior to any disposal activity. Always follow local, state and federal regulations.

---

## 14. TRANSPORT INFORMATION

Shipping Name: Amines, Liquid Corrosive, N.O.S. (aminopropyldiethanolamine) UN2735, Class 8 Corrosive, PGIII.

Placards require over 1000 lbs.

---

## 15. REGULATORY INFORMATION

This MSDS has been prepared in accordance with federal OSHA Hazard Communication Standard 29 CFR 1910.1200.



---

## 16. OTHER INFORMATION

HMIS III rating

Health: 3      Flammability: 1      Reactivity: 1      PPE(H)

This information and recommendations in this document are based on the best information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness or completeness, or as to the results or reliance of this product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.