

# MSDS Material Safety Data Sheet

**UNITEX**

## PRO-POXY 2000 NORMAL SET

MSDS Number: 1018

Revision Date: 6/11/2008

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

UNITEX  
3101 Gardner Ave.

Kansas City, MO 64120

**Contact:** Technical Services  
**Telephone Number:** 816-231-7700  
**FAX Number:** 816-483-3149  
**E-Mail:** mail@unitex-chemicals.com  
**Web:** www.unitex-chemicals.com

**Product Name:** PRO-POXY 2000 NORMAL SET  
**Revision Date:** 6/11/2008  
**MSDS Number:** 1018  
**Common Name:** Polyamine  
**Product Code:** PRO-POXY 2000 NORMAL SET  
**Chemical Family:** Polyamine  
**Synonyms:** Amines Liquid Corosive  
**Product Use:** Epoxy Machine Grout

Emergency Telephone No.: 800-424-9300 CHEMTREC 24 hrs.

### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Skin, Swallowing, Inhalation.  
**Target Organs:** None Known  
**Inhalation:** May cause irritation to the nose and throat.  
**Skin Contact:** May cause irritation and dermatitis.  
**Eye Contact:** May cause irritation, sensitization and lead to eye damage.  
**Ingestion:** May cause irritation of the mouth, stomach and sensitization.

HMIS II-ratings (scale 0-4): Health = 3, Fire = 1, Reactivity = 1  
HMIS III-ratings (scale 0-4): Health = 3, Fire = 1, Physical Hazard = 1  
NFPA-ratings (scale 0-4): Health = 3, Fire = 1, Reactivity = 1

Cured epoxy resins are innocuous.

COMPONENT C (Crystalline Silica):

INHALATION (Acute): Breathing dust may cause nose, throat or lung irritation and choking. The described effect depends on the degree of exposure.

INHALATION (Chronic): Prolonged or repeated exposure may cause lung injury including silicosis. Crystalline silica has been classified by IARC as a known human carcinogen. Some human studies indicate potential for lung cancer from crystalline silica exposure. Risk of injury depends on duration and level of exposure. Long term exposures which results in silicosis may result in additional health effects.

This product contains the following chemical known to the state of California to cause birth defects/cancer or other reproductive harm: Crystalline Silica.

		OSHA PEL	ACGIH LTV
COMPONENT A	2508386	NE	NE
COMPONENT B	68953366	NE	NE
COMPONENT C	14808607	10 mg/m3	.1 mg/m3
	7727437	5 mg/m3 (resp.)	5 mg/m3 (resp.)

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

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
-----		
COMPONENT A		
25068386	Base Epoxy Resin Epoxy Resin	100%
COMPONENT B		
Trade Secret 68953366	Amine Blend containing one or more of the following:	
112243		<70%
90722		<20%
		<10%
COMPONENT C		
Trade Secret 140808607	Blend of Fillers Crystalline Silica	
7727437		>60%
		>30%

### 4 FIRST AID MEASURES

<b>Inhalation:</b>	If respiratory irritation occurs, go to fresh air. Flood work area with fresh air. If irritation continues seek medical attention.
<b>Skin Contact:</b>	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.
<b>Eye Contact:</b>	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.
<b>Ingestion:</b>	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

<b>Flash Point:</b>	>200F
<b>Flash Point Method:</b>	Pensky Martins Closed Cup Method
<b>Burning Rate:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>LEL:</b>	NA
<b>UEL:</b>	NA

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 but can protect fire-fighters and cool closed containers. Use fog nozzels if water is used. Use supplied breathing masks.

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### 6 ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILL:**

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

Clean-up: 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 equipment should be excluded from area or until spill clean-up has been completed.

### 7 HANDLING AND STORAGE

**Handling Precautions:**

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 Requirements:**

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

**Engineering Controls:**

**Protective Equipment:**

HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator

**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

**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 regulations (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.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	A-Gray B-Amber C-White	<b>Boiling Point:</b>	ND
<b>Physical State:</b>	A/B-Liquid C-Powder	<b>Freezing/Melting Pt.:</b>	ND/NE
<b>Odor:</b>	A=Mild B=Distinctive C=None	<b>Solubility:</b>	Insoluble
<b>pH:</b>	ND	<b>Spec Grav./Density:</b>	A=1.14 B=0.95 C=3.20
<b>Vapor Pressure:</b>	N/E		
<b>Vapor Density:</b>	(Air=1) >1		
<b>VOC:</b>	0		
<b>Evap. Rate:</b>	Slower than Butyl Acetate		
<b>Percent Volatile:</b>	0		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	None
<b>Materials to avoid (incompatibility):</b>	Strong oxidizers, acids and bases.
<b>Hazardous Decomposition products:</b>	CO, CO2 NOX
<b>Hazardous Polymerization:</b>	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

DOT Class: Corrosive (8) #8

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

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### 15 REGULATORY INFORMATION

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

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### 16 OTHER INFORMATION

The 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 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.

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**END OF MSDS DOCUMENT**