

MSDS Material Safety Data Sheet

UNITEX

PRO-POXY 400

MSDS Number: 1003

Revision Date: 7/2/2008

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

UNITEX

3101 Gardner Ave.
Kansas City, MO 64120

Contact: Technical Services

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Product Name: PRO-POXY 400
Revision Date: 7/2/2008
MSDS Number: 1003
Product Code: PRO-POXY 400
Chemical Family: Epoxy Resin. Epoxy Acrylate Blend
Product Use: All-weather epoxy acrylate hybrid anchoring gel

Chemtrec Emergency Telephone No.: 800-424-9300

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes, Skin, Swallowing, Inhalation
Target Organs: Eyes, Skin, Upper Respiratory System. Medical conditions aggravated by exposure (none identified)
Inhalation: May produce irritation, sensitization.
Skin Contact: May produce irritation, sensitization.
Eye Contact: May cause irritation. Symptoms include stinging, tearing, and redness.
Ingestion: May produce irritation, sensitization.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
Component A		
80626	Acrylate Blend	30-50%
9010882	silica, crystalline	40-60%
14808607		
Component B		
94360	Benzoyl Peroxide	10-25%
68515402		10-25%
471251	Calcium carbonate	20-50%
25068386	Epoxy Resin	10-25%

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4 FIRST AID MEASURES

- Inhalation:** If respiratory irritation occurs, go to fresh air. Flood work area with fresh air. If irritation continues seek medical attention.
- Skin Contact:** Remove contaminated clothing and shoes. Remove product from skin immediately with a dry cloth or paper towel. Wash affected area(s) thoroughly with soap and water. SOLVENTS SHOULD NOT BE USED because they carry the irritant into the skin. If irritation persists, seek medical attention.
- Eye Contact:** 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.
- Ingestion:** Obtain immediate medical attention. Drink large amounts of water. DO NOT INDUCE VOMITING.

5 FIRE FIGHTING MEASURES

- Flash Point:** A - 65F / B - 315F
- Flash Point Method:** Pensky Martens Closed Cup
- Burning Rate:** No data available
- Autoignition Temperature:** No data available
- LEL:** A: 2.1% B: n/a
- UEL:** A: 12.5% B: n/a
- Flammability Classification:** Flammable Liquid

Treat as flammable liquid, with explosive vapors. Self contained breathing apparatus may be required. Protect against eye and skin contact. Fight fire from distance as heat may rupture containers. Avoid breathing vapors. Explosion hazard when exposed to heat or flame. Cool exposed containers with water. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

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

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Use anti-sparking tools. Persons not wearing protective equipment should be excluded from area or until spill clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. Try to prevent parts A & B from mixing. Collect with absorbent material and place in container for proper disposal. For large spill, transfer to salvage vessels and dispose of according to state, local and federal regulations. Flush area with water to remove residue. DO NOT CONFINE. Never return spillage to original container for reuse.

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 amines). Hazardous polymerization may occur with excessive heat.
- 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.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Protective Equipment:

Respiratory Protection: NIOSH approved respirator for emergency use or when inadequate ventilation may exist. Local exhaust is preferable. Mechanical equipment is acceptable. Protective chemical resistant gloves (recommended butyl rubber solvent resistant gloves), safety goggles/face shield and splash bib. Other equipment as required to prevent prolonged contact. Written respirator program is outlined in 29 CFR 1910.134, and is required by OSHA.

Exposure Guidelines/Other:

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

Appearance:

A- White Gel, distinctive odor B-Black Gel, slight odor

Physical State:

Gel

Boiling Point:

ND

Odor:

A:Distinctive B:Slight odor

Freezing/Melting Pt.:

ND/NE

pH:

ND

Solubility:

nil

Vapor Pressure:

N/E

Spec Grav./Density:

A:1.56 B:1.64

Vapor Density:

A: 3.5 B: n/a

VOC:

A: n/a B: n/a

Evap. Rate:

Ether=1 A<3 B>1

10 STABILITY AND REACTIVITY

Stability:

Stable

Conditions to avoid:

Heat, sparks and open flames. Hazardous polymerization may occur with heat.

Materials to avoid (incompatibility):

Isolate from strong oxidizers, acids, bases and amines.

Hazardous Decomposition products:

CO, CO₂, hydrocarbons

Hazardous Polymerization:

A: Occurs with heat, absence of inhibitor, addition of catalyst.
B: Does not occur

11 TOXICOLOGICAL INFORMATION

No data available

12 ECOLOGICAL INFORMATION

No data available.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations.

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14 TRANSPORT INFORMATION

Shipping Name: Adhesive, 3, UN1133, PGIII, Emergency Response Guide No. 27
Label Flammable Liquid 3 (only when shipping by air or water)
Canada EPA: All ingredients listed on DSL.
WHMIS: A n/a B: Class C

15 REGULATORY INFORMATION

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

HMIS Codes: Health(2) Flammability(3) Reactivity(2) PPE(J)
WHMIS: A: n/a B: Class C

Hazard class 3, Flammable Liquid
Adhesive, 3, UN1133, PGIII, Emergency Response Guide No. 27
Canada EPA: All ingredients listed on DSL

TSCA Inventory Status: Chemical components are listed on TSCA inventory SARA Title III, Section 313. This product contains mercaptan which is subject to reporting under Section 313 or SARA Title III (40CFR Part 372).

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 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.

END OF MSDS DOCUMENT