

ACTIO MSDS ID: 36096

View Section : [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION 1003

Product Name: **Pro-Poxy 400**
 Chemical Family: Epoxy Resin, Epoxy Acrylate Blend
 Manufacturer MSDS.: 1003
 Manufacturer Name: Unitex
 Address: 3101 Gardner Ave.
 Kansas City, MO 64120
 Web: www.unitex-chemicals.com

NFPA

General Use: All-weather epoxy acrylate hybrid anchoring gel
 Email: mail@unitex-chemicals.com
 Business Phone: 816-231-7700
 Business Fax: 816-483-3149

3
2 2

CHEMTREC Numbers:

For emergencies in the US, call CHEMTREC: 800-424-9300

Revision Date: 2/22/10
 Contact: Technical Services

HMIS

HMIS II - ratings (scale 0-4):
 Health = 2
 Fire = 3
 Reactivity = 2

HMIS III - ratings (scale 0-4):
 Health = 2
 Fire = 3
 Physical Hazard = 2

HEALTH	2
FIRE	3
REACTIVITY	2
PPE	J

HMIS PP, J
 Splash Goggles, Gloves, Apron, Dust and Vapor Resp

Product Codes: PRO-POXY 400

[To Top of page](#)

SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS 1003

Ingredient Name	CAS#	Ingredient Percent
Component A: Acrylate Blend EC Index Number: 1	9010-88-2	30-50%
Component A: Acrylate Blend EC Index Number: 1	80-62-6	30-50%
Component A: Silica, crystalline EC Index Number: 1	14808-60-7	40-60%
Component B: Benzoyl Peroxide EC Index Number: 1	94-36-0	10-25%

Component B: Benzoyl Peroxide EC Index Number:	1	68515-40-2	10-25%
Component B: Calcium carbonate EC Index Number:	1	471-25-1	20-50%
Component B: Epoxy Resin EC Index Number:	1	25068-38-6	10-25%

[To Top of page](#)

SECTION 3 : HAZARDS IDENTIFICATION

1003

Applies to All Ingredients :

Route of Exposure:	Eyes, Skin, Swallowing, Inhalation
Potential Health Effects:	
Eye Contact:	May cause irritation. Symptoms include stinging, tearing, and redness.
Skin Contact:	May produce irritation, sensitization.
Inhalation:	May produce irritation, sensitization.
Ingestion:	May produce irritation, sensitization.
Target Organs:	Eyes, Skin, Upper Respiratory System.
Aggravation of Pre-Existing Conditions:	Medical conditions aggravated by exposure (none identified).

[To Top of page](#)

SECTION 4 : FIRST AID MEASURES

1003

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.
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.
Inhalation:	If respiratory irritation occurs, go to fresh air. Flood work area with fresh air. If irritation continues seek medical attention.
Ingestion:	Obtain immediate medical attention. Drink large amounts of water. DO NOT INDUCE VOMITING.

[To Top of page](#)

SECTION 5 : FIRE FIGHTING MEASURES

1003

Flash Point:	A: 65 deg F B: 315 deg F
Flash Point Method:	Pensky Martens Closed Cup
Upper Flammable or Explosive Limit:	A: 12.5%; B: Not Applicable
Lower Flammable or Explosive Limit:	A: 2.1%; B: Not Applicable
Auto Ignition Temperature:	No data available
Flammability Class:	Flammable Liquid
Extinguishing Media:	Other: 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

Fire Fighting Instructions:	masks. Other: 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.
Burning Rate:	No data available

[To Top of page](#)

SECTION 6 : ACCIDENTAL RELEASE MEASURES

1003

Spill Cleanup 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.
Large Spill:	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.

[To Top of page](#)

SECTION 7 : HANDLING and STORAGE

1003

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.

[To Top of page](#)

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

1003

Ventilation System:	Local exhaust is preferable. Mechanical equipment is acceptable.
Personal Protective Equipment Routine Handling:	This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.
Hand Protection Description:	Protective chemical resistant gloves (recommended butyl rubber solvent resistant gloves).
Eye/Face Protection:	Safety goggles/face shield and splash bib.
Respiratory Protection:	NIOSH approved respirator for emergency use or when inadequate ventilation may exist.
Other Protective:	Other equipment as required to prevent prolonged contact. Written respirator program is outlined in 29 CFR 1910.134, and is required by OSHA. HMIS PP, J Spash Goggles, Gloves, Apron, Dust and Vapor Resp

[To Top of page](#)

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

1003

Physical State/Appearance:	A: Gel B: Gel
Color:	A: White B: Black
Odor:	A: Distinctive odor B: Slight odor
Physical State:	Gel
pH:	Not Determined

Vapor Pressure:	Not Established
Vapor Density:	A: 3.5 B: Not Applicable
Boiling Point:	Not Determined
Freezing Point:	Not Determined
Melting Point:	Not Established
Solubility:	Nil
Specific Gravity:	A: 1.56 B: 1.64
Density:	A: 1.56 B: 1.64
Evaporation Point:	(Ether = 1): A: < 3 B: > 1
Volatile Organic Compound Content:	A: Not Applicable B: Not Applicable

[To Top of page](#)



SECTION 10 : STABILITY and REACTIVITY

1003

Chemical Stability:	Stable.
Conditions to Avoid:	Heat, sparks and open flames. Hazardous polymerization may occur with heat.
Incompatibilities with Other Materials:	Materials to avoid: Isolate from strong oxidizers, acids, bases and amines.
Hazardous Polymerization:	A: Occurs with heat, absence of inhibitor, addition of catalyst. B: Does not occur.
Hazardous Decomposition Products:	CO, CO ₂ , hydrocarbons.

[To Top of page](#)



SECTION 11 : TOXICOLOGICAL INFORMATION

1003

Toxicological Paragraph:	No data available.
--------------------------	--------------------

[To Top of page](#)



SECTION 12 : ECOLOGICAL INFORMATION

1003

Ecological Paragraph:	No data available.
-----------------------	--------------------

[To Top of page](#)



SECTION 13 : DISPOSAL CONSIDERATIONS

1003

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

[To Top of page](#)



SECTION 14 : TRANSPORT INFORMATION

1003

DOT Shipping Information:	(only when shipping by air or water)
DOT Shipping Name:	Adhesive
DOT UN Number:	UN1133
DOT Hazard Class:	Flammable Liquid (3) ##3
DOT Packing Group:	III
DOT Subpart E Labeling	Flammable Liquid 3

Requirement:
 NAERG Number: 27
 Canada EPA: All ingredients listed on DSL.
 WHMIS:
 A: Not Applicable
 B: Class C

[To Top of page](#)

SECTION 15 : REGULATORY INFORMATION

1003

Applies to all ingredients:

TSCA 8(b): Inventory Status: Chemical components are listed on TSCA inventory.
 Section 313 Toxic Release Form: Chemical components are listed on SARA Title III, Section 313. This product contains mercaptan which is subject to reporting under Section 313 or SARA Title III (40 CFR Part 372).
 OSHA 29 CFR 1200: This MSDS has been prepared in accordance with federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
 Canada WHMIS: A: Not Applicable
 B: Class C
 This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
 Canada DSL: EPA: All ingredients listed on DSL.
 HMIS Codes: Health: (2)
 Flammability: (3)
 Reactivity: (2)
 PPE: (J)
 Hazard class: 3, Flammable Liquid
 Adhesive, 3, UN1133, PGIII
 Emergency Response Guide No.: 27

[To Top of page](#)

SECTION 16 : ADDITIONAL INFORMATION

1003

HMIS:

Health Hazard: 2
 Fire Hazard: 3
 Reactivity: 2
 Personal Protection: J

NFPA:

Health: 2
 Fire Hazard: 3
 Reactivity: 2

MSDS Revision Date: 2/22/10

MSDS Author: Contact: Technical Services

Disclaimer:

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.

OTHER INFORMATION:

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

HMIS II - ratings (scale 0-4):
 Health = 2
 Fire = 3
 Reactivity = 2

HMIS III - ratings (scale 0-4):
 Health = 2
 Fire = 3
 Physical Hazard = 2

HMIS PP, J
Spash Goggles, Gloves, Apron, Dust and Vapor Resp

Copyright© 1996-2009 Actio Corporation. All Rights Reserved.

[To Top of page](#)