

Material Safety Data Sheet

ConPoxy 300 Hi-Mod Gel Epoxy Part A

Version 1

Print Date: 10/22/2014

SECTION 1 – PRODUCT IDENTIFICATION

Trade name : ConPoxy 300 Hi-Mod Gel Epoxy Part A (PN# HH-CP300)

Distributor : Hard Hat Construction Supply
13407 Yorba Ave.
Chino, CA 91710

Telephone : (951) 229-7321
Emergency Phone : CHEMTREC (800) 424-9300

Product Use : Base Resin

SECTION 2 – PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Epichlorohydrin polymer	25068-38-6	< 58.0
Diglycidyl Ether	68609-97-2	> 5.0
Calcium Carbonate	471-34-1	> 30.0
Titanium dioxide	13463-67-7	< 5.0
Clay	N/A	< 1.0
Siloxane and silicones	63148-62-9	< 1.0

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview

White Paste. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause slight irritation to the respiratory system.

Eyes : Slightly irritating.

Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause sensitization.

Aggravated Medical Conditions

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Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

May cause sensitization by contact. Prolonged or repeated exposure to epoxy resin can cause irritation to skin and eyes, skin sensitization, temporary eye injury. Certain epoxy resins are reported to be mutagenic in some laboratory tests. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Ingestion

SECTION 4 – FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation	:	Leave area to breathe fresh air. Avoid further exposure. If symptoms persist, get medical attention.
Eye contact	:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact	:	Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	:	Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point	:	> 200 °F, > 93 °C
Method	:	Setaflash Closed Cup
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Autoignition temperature	:	Not available
Extinguishing media	:	This product is not expected to burn under normal conditions of use.
Hazardous combustion products	:	Smoke, fumes
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

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Fire and explosion conditions : This product is not expected to ignite under normal conditions of use

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin, eyes, and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection : Not required under normal conditions of use.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.

Eye protection : Wear appropriate eye protection.

Skin and body protection : Not required.

Protective measures : Use professional judgment in the selection, care, and use. Other equipment not normally required

Engineering measures : General ventilation is sufficient.

Exposure Limits

	<u>OSHA PEL</u>		<u>ACGIH TLV</u>	
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
Titanium Dioxide –total dust	15 mg/cu-m	N/E	10 mg/cu-m	N/E

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form : Paste.

Color : White

Odor : Negligible

pH : Not available

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Vapor pressure	:	Not available
Vapor density	:	Heavier than air
Melting point/range	:	Not available
Freezing point	:	Not available
Boiling point/range	:	> 500 °F, > 260 °C
Water solubility	:	Miscible
Specific Gravity	:	> 1.2
% Volatile Weight	:	0 %

SECTION 10 – REACTIVITY / STABILITY

Substances to avoid : Acids and bases. Amines. Epoxy curing agents.

SECTION 11 – TOXICOLOGY INFORMATION

No Data Available

SECTION 12 – ECOLOGICAL INFORMATION

No Data Available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method : Not regulated under RCRA. Dispose of in compliance with state and local regulations. Do not incinerate.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:

NOT REGULATED

SECTION 15 – REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

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SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components : N/A

OSHA Status: Considered hazardous based on the following criteria : Irritant

OSHA Flammability : Not regulated.

When appropriately mixed with the other part, product has a VOC less water and exempt solvent of:
0 g/L

U.S. State Regulations:

Chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:
None known

SECTION 16 – OTHER INFORMATION

HMIS Rating:

Health	2
Flammability	1
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further Information :

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Valery Tokar

Legend

ACGIH – American conference of Governmental hygienists
CERCLA – Comprehensive Environmental Response, Compensation, And Liability Act
DOT – Department of Transportation
DSL – Domestic Substance List
EPA – Environmental Protection Agency
HMIS – Hazardous Materials Information System
IARC – International Agency for Research on Cancer

PEL – Permissible Exposure Limit
RCRA – Resource Conservation and Recovery Act
RTK – Right to Know
SARA – Superfund Amendments and Reauthorization Act
STEL – Short Term Exposure Limit
TLV – Threshold Limit Value

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MSHA – Mine Safety Health Administration
NDSL – Non-Domestic Substance List
NIOSH – National Institute for Occupational Safety and Health
NTP – National Toxicology Program
OSHA – Occupational Safety and Health Administration

TSCA – Toxic Substances Control Act
TWA – Time Weighted Average
V – Volume
VOC – Volatile Organic Compound
WHIMIS – Workplace Hazardous
Materials Information System