

Material Safety Data Sheet

ConPoxy 200 Mi-Mod MV Epoxy

Version 1

Print Date: 10/22/2014

SECTION 1 – PRODUCT IDENTIFICATION

Trade name : ConPoxy 200 Mi-Mod MV EpoxyPart A (PN# HH-CP200)

Distriubtor : Hard Had 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 COMPOSTION

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. Liquid solution. Vapor may irritate respiratory tract. May cause nausea, headaches, and dizziness. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Vapor may irritate respiratory tract. May cause nausea, headaches, and dizziness.

Eyes : Direct contact may cause mild irritation. May cause temporary injury.

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

Material Safety Data Sheet

ConPoxy 200 Mi-Mod MV Epoxy

Version 1

Print Date: 10/22/2014

Skin : May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions

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

Chronic Health Effects

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.

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 area of contact thoroughly with hand cleaner followed by soap and 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 : If water fog is ineffective, use carbon dioxide, dry chemical or foam.

Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes

Material Safety Data Sheet

ConPoxy 200 Mi-Mod MV Epoxy

Version 1

Print Date: 10/22/2014

Protective equipment for firefighters : Water may be used to cool containers to minimize pressure build-up. Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

Fire and explosion conditions : Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors. Vapor concentrations in enclosed areas may ignite explosively. Vapors may travel to sources of ignition and flashback.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

SECTION 7 - HANDLING AND STORAGE

Store under dry warehouse conditions away from heat and all ignition sources. Store in a cool, well ventilated area. 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. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.

Eye protection : Chemical splash goggles.

Protective measures : Use professional judgment in the selection, care, and use.

Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.

Exposure Limits

OSHA PEL

ACGIH TLV

Material Safety Data Sheet

ConPoxy 200 Mi-Mod MV Epoxy

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Titanium Dioxide– total dust	<u>TWA</u> 15 mg/cu-m	<u>STEL</u> N/E	<u>TWA</u> 10 mg/cu-m	<u>STEL</u> N/E
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid solution
Color	:	White
Odor	:	Negligible
pH	:	Not available
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	:	Negligible
Specific Gravity	:	> 1.2

SECTION 10 – REACTIVITY / STABILITY

Substances to avoid	:	Epoxy curing agents. Amines and oxidizing agents.
Stability	:	Material is stable under normal storage, handling, and use.
Hazardous polymerization	:	Will not occur

SECTION 11 – TOXICOLOGY INFORMATION

No Data Available

SECTION 12 – ECOLOGICAL INFORMATION

No Data Available

SECTION 13 – DISPOSAL CONSIDERATIONS

Material Safety Data Sheet

ConPoxy 200 Mi-Mod MV Epoxy

Version 1

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Disposal Method : Recycle or dispose of in compliance with local, provincial and federal regulations.

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:

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

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

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

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:

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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
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

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