

SAFETY DATA SHEET

C.D. PRODUCTS INC
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1.IDENTIFICATION

#1050 WATER BASED EPOXY PART A EPOXY EMULSION

2. HAZARDS IDENTIFICATION

GHS classification

Skin sensitization - Category 1

GHS label elements

Hazard pictograms/symbols

Signal Word: Warning

Hazard Statements:

H317:May cause an allergic skin reaction.

Precautionary Statements:

Prevention : P261:Avoid breathing dust/fume/gas/mist/vapours/spray.

P272:Contaminated work clothing should not be allowed out of the workplace.

P280e:Wear protective gloves.

Response : P302+P352 :IF ON SKIN: Wash with plenty of soap and water.

P333+P313 :If skin irritation or rash occurs: Get medical advice/attention.

P363 :Wash contaminated clothing before reuse.

Disposal : P501:Disposal of contents/container to be specified in accordance with regulations.

Hazards not otherwise classified

Mild eye irritant.

May cause sensitization by skin contact.

3.92 % of mixture consists of ingredients of unknown acute toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components CAS Number Concentration

Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-,homopolymer

25085-99-8 50% - 60 %

Water 7732-18-5 40% - 60 %

CHEMICAL FAMILY: Dispersion.

4. FIRST AID MEASURES

General advice : Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Eye contact : Rinse immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.

Skin contact : Wash off immediately with plenty of water for at least 20 minutes. Take off

contaminated clothing and shoes immediately.

Ingestion : Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.

Inhalation : Move to fresh air.

Most important

symptoms/effects - acute and

delayed

: Skin disorders and Allergies.

Immediate Medical Attention and Special Treatment

Treatment : NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Alcohol-resistant foam.

Carbon dioxide (CO₂).

Dry chemical.

Dry sand.

Limestone powder.

Specific hazards : Incomplete combustion may form carbon monoxide. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

Special protective equipment

for fire-fighters

: Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions,

Protective Equipment, and

Emergency Procedures

: Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

Environmental precautions : Construct a dike to prevent spreading.

Methods for cleaning up : Call Emergency Response number for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container.

Additional advice : Open enclosed spaces to outside atmosphere. If possible, stop flow of product.

7. HANDLING AND STORAGE

Handling

Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Spraying increases the risk of hazardous exposure . In atmospheres where the material is sprayed, workers should avoid contact with aerosols. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Keep away from oxidizers. Keep containers tightly closed in a dry, cool and well-ventilated place.

Keep from freezing

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Provide readily accessible eye wash stations and safety showers.

Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

Respiratory protection : Wear appropriate respirator when ventilation is inadequate. Spraying increases the risk of hazardous exposure . In atmospheres where the material is sprayed, workers should avoid contact with aerosols through proper engineering controls such as exhaust ventilation and/or proper protective equipment such as a full-face air-supplied respirators.

Hand protection : PVC disposable gloves

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Chemical safety glasses.

Skin and body protection : No specific recommendation.

Special instructions for protection and hygiene

: Wash hands at the end of each workshift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid. White.

Odor : No data available.

Odor threshold : No data available.

pH : Neutral.

Melting point/range : No data available.

Boiling point/range : 212 °F (100 °C)

Flash point : > 480 °F (> 248.89 °C)

Evaporation rate : No data available.

Flammability (solid, gas) : Not applicable.

Upper/lower

explosion/flammability limit

: Not applicable.

Vapor pressure : 19.30 mmHg at 70 °F (21 °C)

Water solubility : Insoluble.

Relative vapor density : Not applicable.

Relative density : No data available.

Partition coefficient (noctanol/
water)

: No data available.

Auto-ignition temperature : No data available.

Decomposition temperature : No data available.

Viscosity : No data available.

Molecular Weight : No data available.

Density : 69.295 lb/ft³ (1.11 g/cm³) at 70 °F (21 °C)

10. STABILITY AND REACTIVITY

Chemical Stability : Stable under normal conditions.

Conditions to avoid : No data available.

Materials to avoid : Oxidizing agents.

Hazardous decomposition
products

: Carbon monoxide.

Carbon dioxide (CO₂).

Chlorine

Possibility of hazardous

Reactions/Reactivity

: No data available.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Likely routes of exposure

Effects on Eye : Contact with eyes may cause irritation.

Effects on Skin : No data available.

Inhalation Effects : This product presents an elevated inhalation health risk when used in spray or aerosol applications.

Ingestion Effects : No data available.

Symptoms : No data available.

Acute toxicity

Acute Oral Toxicity : No data is available on the product itself.

Inhalation : No data is available on the product itself.

Acute Dermal Toxicity : No data is available on the product itself.

Skin corrosion/irritation : Non-irritant to the skin of a rabbit.

Serious eye damage/eye

irritation

: Mild eye irritation.

Sensitization. : May cause sensitization by skin contact.

Chronic toxicity or effects from long term exposures

Carcinogenicity : No data available.

Reproductive toxicity : No data is available on the product itself.

Germ cell mutagenicity : No data is available on the product itself.

Specific target organ systemic

toxicity (single exposure)

: No data available.

Specific target organ systemic

toxicity (repeated exposure)

: No data available.

Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. May cause allergic skin reaction. Skin disorders and Allergies.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

Toxicity to other organisms : No data available.

Persistence and degradability

Biodegradability : No data is available on the product itself.

Mobility : No data available.

Bioaccumulation : No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

: Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. TRANSPORT INFORMATION

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

TDG

Not dangerous goods

Further Information

Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact customer service.

15. REGULATORY INFORMATION

Country Regulatory list Notification

USA TSCA Included on Inventory.

EU EINECS Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.

Canada DSL Included on Inventory.

Australia AICS Included on Inventory.

Japan ENCS Included on Inventory.

South Korea ECL Included on Inventory.

China SEPA Included on Inventory.

Philippines PICCS Included on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification

Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level

None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

HMIS Rating

Health : 2

Flammability : 1

Physical hazard : 0