

Insulated Coatings Safety Data Sheet

1. PRODUCTS AND COMPANY IDENTIFICATION

Product Name: ThermaCoat-400 Part A

2. Use: Insulated Coating

Manufacturer/Supplier

Insulated Coatings
785 Rialto Ave. Suite G
Rialto, CA 92376
Web Address: www.insulatedcoatings.com

Medical Emergency:

CHEMTREC (USA): (800) 424-9300
CHEMTREC (International): (703) 527-3887
SDS Assistance: (909) 440-5017
Technical Assistance: (909) 440-5017
Customer Service: : (909) 440-5017

3. COMPONENT INFORMATION

Classification (HMIS)

HMIS ratings – Health: 2 Flammability: 1 Reactivity: 0 Personal Protection: C

Label Elements

GHS-US Labeling



Signal Word (GHS-US)

: Warning

Hazard Statements (GHS-US)

: H226-Flammable liquid and vapour
H312- Harmful in contact with skin
H315-Causes skin irritation
H317-May cause an allergic skin reaction
H319-Causes serious eye irritation
H411-Toxic to aquatic life with long lasting effects

Precautionary Statements (GHS-US)

: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge..
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash face, hands and any exposed skin thoroughly after handling..
P272 - Contaminated work clothing should not be allowed out of the

workplace.

P273 - Avoid release to the environment.

P280 - Wear eye protection, face protection, protective clothing, protective gloves

P302+352 - IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P321 - Specific treatment (see supplemental instructions on the administration of antidotes on this label).

P322 - Specific measures (see supplemental first aid instructions on this label).

P332+313 - If skin irritation occurs: Get medical advice/attention.

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

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

P363 - Wash contaminated clothing before reuse.

P370 + P378 - In case of fire: Use CO₂, Dry Chemical, Water, Fog for extinction.

P391 - Collect spillage.

P403 + P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container according to local, regional, national, and international regulations

4. COMPOSITION ON INGREDIENTS

Hazardous Components	CAS No.	Wt. % Range	Classification (GHS-US)
Modified Bisphenol a-(epichlorohydrin) based Epoxy Resin	25085-99-8		Corr. Skin 2, H315 Sens. Skin 1, H317 Corr. Eye 2A, H319 Aqua. Chronic 2, H411
2-Propoxyethanol	2807-30-9	<1%	Flamm. Liquid 3, H226 Acute Tox. Dermal 4, H312 Corr. Eye 2A, H319
Water	7732-18-5		

5. FIRST AID INFORMATION

Eye Contact: Immediately flush with copious amounts of lukewarm water for at least 15 minutes. Have eyes examined and treated by medical personnel.

Skin Contact: Dry skin with paper towel or similar. Wash affected skin thoroughly with soap and water. Immediately remove contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if any discomfort continues. Wash contaminated clothes before reuse.

Inhalation: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Ingestion: If swallowed, Do Not induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs.

6. FIRE FIGHTING MEASURES

Flash Point: >200°F Lower Explosive Limit: N/A
(Setaflash Closed Cup) Upper Explosive Limit: N/A
Autoignition Temperature: N/D

Extinguishing Media: Foam, CO₂, Dry Chemical, Water, Fog

Unusual fire and explosion hazards: Fire produces irritating or poisonous gas. Liquid is combustible when hot. Can form explosive mixtures at temperatures at or above the flashpoint. "Empty" containers retain product residue (liquid an/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION; CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH.

Special Firefighting Procedures: Containers exposed to fire should be kept cool with water spray. As in fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

7. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Repeat sorbent/sweep cycle until the spill has dried up. Avoid runoff into storm sewers and ditches which lead to waterways.

8. HANDLING AND STORAGE INFORMATION

Handling: Use only in a well ventilated area. Keep put of reach of children.

Storage: Keep away from heat, sparks and flame. Keep container closed when not in use.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Respiratory Protection: Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations.

Other Protective Equipment: Where contact is likely, wear chemical resistant gloves, chemical safety goggles with face shield, and clean protective clothing to cover arms and legs to keep exposure to a minimum.

Hygiene Practices: Do not take internally. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
Bisphenol a-(epicholohydrin) based Epoxy Resin	N.E.	N.E.	N.E.	N.E.	N.E.	NO
2-Propoxyethanol	N.E.	N.E.	N.E.	N.E.	N.E.	NO
Isopropanol	N.E.	N.E.	N.E.	N.E.	N.E.	NO

10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White translucent or Pigmented opaque	Vapor Pressure: NA
Odor: Typical mild solvent odor	
Physical state: Liquid	Vapor Density (air=1): > air
PH: Not applicable	Percent Volatile by Volume: NA
DOT Corrosivity: Not applicable	Volatile Organic Content: NA
Boiling Point: > 212 F	Molecular Weight: NA
Melting Point: NA	Average Carbon Number: NA
Specific Gravity: 1.08	Viscosity @ 100F: NA
Pour Point: NA	Viscosity@ 40C: NA
Solubility in Water: Miscible	
Octanol/Water Coefficient: Log K = NA	

11. STABILITY AND REACTIVITY INFORMATION

Conditions to Avoid: Long term exposure to elevated temperatures.

Incompatible: Strong bases or oxidants. Strong Lewis or mineral acids.

Hazardous decomposition products: Poisonous & acrid fumes released on burning. Acrid fumes. Oxides of

carbon.

Stability: This product is stable under normal storage conditions.

12. TOXICOLOGICAL INFORMATION (will only print available data)

Product Demal LD50: No Information Product Oral LD50: No information

Product LC50: No Information

COMPONENT TOXOLOGY INFORMATION:

CHEMICAL NAME	DEMAL LD 50	ORAL LD 50	LC 50
Bisphenol a-(epichlorohydrin) based Epoxy Resin	No Information	No Information	No Information
2-Propoxyethanol	870 mg/kg (Rabbit)	3.1 g/kg (Rat)	> 2000 ppm/6hr (Rat)
Water	No Information	No Information	No Information

13. ECOLOGICAL INFORMATION

Aquatic Toxicity: Not known.

Terrestrial Toxicity: Not known

Chemical Fate and Transport: Not known.

Ecological information: Toxic to fish and other water organisms.

14. DISPOSAL INFORMATION

Regulatory Information: Consult all regulations (federal, state, provincial, local etc.) or a qualified waste disposal firm when characterizing waste for disposal.

Waste Disposal Methods: Review all local, state and federal regulations concerning health and pollution for appropriate disposal procedures.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Not Regulated

DOT Technical Name: N/A

DOT Hazard Class: N/A

Hazard Subclass: N/A

DOT Placard AT: N/A

DOT UN/NA Number: N/A

Pacing Group: N/A

Resp. Guide Page:

DOT Hazardous Class: N/A

UN Proper Shipping Name: Not regulated

UN Hazard Class: N/A

UN Class Number: Air N/A

Marine: N/A

Hazard Subclass: Air N/A

Marine: N/A

UN UN/NA Number: N/A

UN Packing Group: Air N/A

Marine: N/A

UN Placard AT: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations: As follows-

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA – SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA ‘Hazard Categories’ promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard

Chronic Health Hazard

Sara Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical	CAS Number
None	

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

Chemical	CAS Number
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None	
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California Proposition 65:

The following detectable components of this products are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Chemical	CAS Number
None	

International Regulations: as follows –

Canadian WHMIS: This SDS has been prepared in compliance with Controlled Product Regulations Except for use of the 16 headings.

Canadian WHMIS Class: No Information available.

16. OTHER INFORMATION

Health and Environmental Label Language

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory. All ingredients contained in this product comply with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL)

HMIS ratings – Health: 2 Flammability: 1 Reactivity: 0 Personal Protection: C

DISCLAIMER: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. This data and information is furnished upon the condition that the person receiving it shall make his own determination of the conditions for safe use of this product.

Legend: N.A. – Not Applicable, N.E. – Not Established, N.D. – Not Determined

SDS Revisions

Previous Version Date: 03/17/2023

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