

# Insulated Coatings Safety Data Sheet

## 1. PRODUCTS AND COMPANY IDENTIFICATION

**Product Name: ThermaCoat-400 (Part B) Product**

**Use:** Insulated Coating

### Manufacturer/Supplier

Insulated Coatings  
785 Rialto Ave. Suite G  
Rialto, CA 92376  
Web Address: [www.insulatedcoatings.com](http://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

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## 2. COMPONENT INFORMATION

### Classification (HMIS)

HMIS ratings – Health: 2

Flammability: 1

Reactivity: 1

Personal Protection: C

### Label Elements

#### GHS-US Labeling



#### Signal Word (GHS-US)

: Danger

#### Hazard Statements (GHS-US)

: H225-Highly flammable liquid and vapour  
H226-Flammable liquid and vapour  
H314-Causes severe skin burns and eye damage  
H318-Causes serious eye damage  
H319-Causes serious eye irritation  
H336-May cause drowsiness or dizziness

#### 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.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash face, hands and any exposed skin thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear eye protection, face protection, protective clothing,

protective gloves.

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

P310 - Immediately call a POISON CENTER or doctor/physician.

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).

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

P363 - Wash contaminated clothing before reuse.

P370 + P378 - In case of fire: Use CO<sub>2</sub>, Dry Chemical, Water, Fog for extinction.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

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

P405 - Store locked up.

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

Hazardous Components	CAS No.	Weight % Range	Classification (GHS-US)
Polyamine	Mixture		
Acetic Acid	64-19-7	<1%	Flamm. Liquids 3, H226 Corr. Irrit. Skin 1A, H314 Corr. Damage Eye 1, H318
Isopropanol	67-63-0	<1%	Flamm. Liquids 1, H225 Corr. Damage Eye 2A, H319 STOT SE 3, H336
Water	7732-18-5		

\*Indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Information concerning non-hazardous ingredients is considered a trade secret.

### 3. HAZARDS IDENTIFICATION

**Primary Route of Exposure:** Skin    Inhalation    Eye    Ingestion   

#### Health Effect Information

**Eye Contact:** May cause eye irritation if wiped or rubbed into eyes. Can injure eye tissue, which may result in permanent damage.

**Skin Contact:** May cause skin irritation if wiped or left on the skin. Repeated or prolonged contact with skin may cause sensitization.

**Inhalation:** May cause irritation of respiratory tract which may result in sinusitis, bronchitis, or asthma. Breathing vapors may cause central nervous system depression.

**Ingestion:** Moderately toxic. Ingestion may cause symptoms similar to those of inhalation.

**Chronic Hazards:** No known components of this product are listed as known or suspected carcinogens per NIOSH, NTP, IARC, or OSHA. Preexisting respiratory or skin condition(s) may be aggravated by exposure.

**Medical Conditions Aggravated by Exposure:** Prolonged exposure to solvents may aggravate allergic reactions to nose, throat and lungs.

### 4. 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.

## 5. 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, CO<sub>2</sub>, 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.

## 6. 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.

## 7. 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.

## 8. 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
Polyamine	N.E.	N.E.	N.E.	N.E.	N.E.	NO
Acetic acid	10 ppm	15 ppm.	10 ppm.	N.E.	N.E.	NO
Isopropanol	N.E.	N.E.	N.E.	N.E.	N.E.	NO

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Yellowish clear white	<b>Solubility in Water:</b> Miscible
<b>Odor:</b> Typical mild solvent odor	<b>Vapor Pressure:</b> NA

<b>Physical state:</b> Liquid	<b>Vapor Density (air=1):</b> > air
<b>pH:</b> Not applicable	<b>Percent Volatile by Volume:</b> NA
<b>DOT Corrosivity:</b> Not applicable	<b>Volatile Organic Content:</b> NA
<b>Boiling Point:</b> > 212 F	<b>Molecular Weight:</b> NA
<b>Melting Point:</b> NA	<b>Average Carbon Number:</b> NA
<b>Specific Gravity:</b> 1.08	<b>Viscosity @ 100F:</b> NA
<b>Pour Point:</b> NA	<b>Viscosity @ 40C:</b> NA
<b>Octanol/Water Coefficient:</b> Log K = NA	

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## 10. 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.

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## 11. 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
Polyamine	No Information	No Information	No Information
Acetic Acid	1060 mg/kg (Rabbit)	3310 mg/kg (Rat)	No information
Water	No Information	No Information	No Information

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## 12. 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.

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## 13. 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.

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## 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

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## 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
None	

**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.

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**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: 1                      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:** 0 3/17/2023

**Revision Date:** 03/17/2023