

M A T E R I A L S A F E T Y D A T A S H E E T

24-hour Emergency Phone: 800-424-9300

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PRODUCT CODE: Epoxy A

PRODUCT NAME: Epoxy A
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HMIS CODES: H C P R P
2 + 0 0 H

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: INDUSTRIAL STRIPING SUPPLIES INC.
ADDRESS : 1395 FAIRPLEX DR.
LA VERNE CA 91750

INFORMATION PHONE : (909) 957-4204

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

Warning: This product does contain a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: N/A SPECIFIC GRAVITY (H2O=1): 1.19g/cc @21°
BOILING POINT: 200° C
VAPOR DENSITY: Heavier than air EVAPORATION RATE: Slower than ether
COATING V.O.C.: 0.000 lb/gal MATERIAL V.O.C.: 0.000 lb/gal
SOLUBILITY IN WATER: Insoluble.
APPEARANCE AND ODOR: None.
Vapor Pressure: 1mmHg at 180° C

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 254.44° C
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA:

Small fires: use foam, carbon dioxide, dry chemical, or water spray.
Large fires: use foam, water spray, or fog.

SPECIAL FIREFIGHTING PROCEDURES:

Full protective equipment, including self-contained breathing apparatus. Fight as volatile liquid fire. Use water to cool fire exposed containers. Avoid spreading fire with cooling water. Water from fog nozzles may be used to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This material will burn, but will not ignite readily. None flammable or explosive. The combustion products may generate gases.

===== SECTION V - REACTIVITY DATA =====

STABILITY: Stable under normal conditions. Avoid high temperatures.

CONDITIONS TO AVOID: Heat, sparks, and open flames.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid strong oxidizing agents, acids and bases.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

May liberate smoke, soot, and toxic fumes (carbon monoxide and carbon dioxide).

HAZARDOUS POLYMERIZATION: Will not occur

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Move the person to an open environment and give artificial respiration if needed. Get medical attention.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin: Quickly remove contaminated clothing. Rinse with abundant water for 15 minutes. Repeat or prolonged contact may cause skin irritation with discomfort and/or an allergic skin reaction. Symptoms may include redness, burning, drying and cracking.

Eye: Will cause severe eye irritation with discomfort of tearing, blurred vision and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Severe irritation or a burning sensation along with cracking, defatting and dermatitis may occur on prolonged exposure.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Do not induce vomiting. Give 3-4 glasses of water. Call a Doctor.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute: May cause irritation to skin, eye, and respiratory system with headache, nausea, dizziness.

Chronic: Ingestion of this product will cause central nervous system depression and severe kidney damage. Repeated skin contact may cause sensitization with the development of allergic reaction. Also prolonged occupational overexposure to solvents in this product may lead to permanent brain or nervous system damage (also known as Painter's Syndrome).

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Respiratory problems associated with pre-existing lung, kidney, liver may be aggravated by exposure. Also, skin exposure may aggravate existing skin disorders or conditions.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove from exposure, restore breathing, and administer oxygen if needed. Seek medical help immediately.

Eye Contact: Immediately flush affected eye(s) with clean water for at least 15 minutes with eyelids open. Seek medical help immediately.

Skin Contact: Wash or cleanse affected area(s) thoroughly with mild soap and water. Remove contaminated clothing. If irritation occurs, contact a physician.

Ingestion: Do not induce vomiting. Drink one to two glasses of water to dilute. If possible, keep patient comfortable and do not leave patient unattended. Seek medical help immediately and names of ingredients available.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate the area immediately, ventilate the area and contain the material immediately by using sand, earth, etc. If possible conduct airborne monitoring for chemicals. Remove all sources of ignition. Contain and remove with on-sparking tools. Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Comply with all applicable Governmental regulations of spill reporting. Wear protective clothing and equipment during cleanup.

WASTE DISPOSAL METHOD:

Dispose of waste in accordance with local, state and federal regulations of the methods of disposal currently available. It is recommended that an alternative be selected according to the following order of preference based upon environmental acceptability; recycle or rework if at all feasible, incinerate at an authorized facility or treat at an acceptable waste treatment facility.

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store containers in a cool, dry, well ventilated area. Keep containers closed when not in use and in the upright position. Avoid exposure to high temperatures, and do not allow to freeze. Ground containers when pouring and in a ventilated area. Store in accordance with DOL storage category (REF: OSHA 1910.106).

OTHER PRECAUTIONS:

This container can be hazardous when empty, because it can retain product residue. Therefore do not reuse container for food, clothing, or products for human or animal consumption or where skin contact may occur. Always obey hazard warnings and handle containers as if they were full.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION:

When established airborne exposure limits are surpassed, wear NIOSH/MSHA approved equipment. Determine the appropriate type of equipment for the specific application by consulting the respirator manufacturer. Observe the respirator use limitations specified by NIOSH/MSHA or the manufacturer.

VENTILATION:

Local exhaust ventilation may be needed to control fume levels to below recommended exposure limit. Use explosion-proof ventilation as required to control vapor concentrations.

PROTECTIVE GLOVES: Chemically resistant hand protection required.

EYE PROTECTION:

Safety/protective eyewear with side shields to protect against splashes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Mask to protect mouth and/or face.

WORK/HYGIENIC PRACTICES:

Wash with soap and water. Remove and wash contaminated clothing before reuse. Discard shoes if saturated.

===== SECTION IX - DISCLAIMER =====

This 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 guarantees 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. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other are made 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 federal, state and local laws and regulations.

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Warning: This product does contain a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE:	N/A	SPECIFIC GRAVITY (H2O=1):	0.97
BOILING POINT:	559.4° F		
VAPOR DENSITY:	Heavier than air	EVAPORATION RATE:	N/A
COATING V.O.C.:	0.000 lb/gal	MATERIAL V.O.C.:	0.000 lb/gal
SOLUBILITY IN WATER:	Insoluble		
APPEARANCE AND ODOR:	None.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 235° F

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA:-

Small fires: use foam, carbon dioxide, dry chemical, or water spray.

Large fires: use foam, water spray, or fog.

SPECIAL FIREFIGHTING PROCEDURES:-

Full protective equipment, including self-contained breathing apparatus. Fight as volatile liquid fire. Use water to cool fire exposed containers. Avoid spreading fire with cooling water. Water from fog nozzles may be used to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS:-

This material will burn, but will not ignite readily. None flammable or explosive. The combustion products may generate gases.

SECTION V - REACTIVITY DATA

STABILITY: Stable under normal conditions. Avoid high temperatures.

CONDITIONS TO AVOID: Heat, sparks, and open flames.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid strong oxidizing agents, acids and bases.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:-

May liberate smoke, soot, and toxic fumes (carbon monoxide and carbon dioxide).

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Move the person to an open environment and give artificial respiration if needed. Get medical attention.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin: Quickly remove contaminated clothing. Rinse with abundant water for 15 minutes. Repeat or prolonged contact may cause skin irritation with discomfort and/or an allergic skin reaction. Symptoms may include redness, burning, drying and cracking.

Eye: Will cause severe eye irritation with discomfort of tearing, blurred vision and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Severe irritation or a burning sensation along with cracking, defatting and dermatitis may occur on prolonged exposure.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Do not induce vomiting. Give 3-4 glasses of water. Call a Doctor.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute: May cause irritation to skin, eye, and respiratory system with headache, nausea, dizziness.

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PROTECTIVE GLOVES: Chemically resistant hand protection required.

EYE PROTECTION:

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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Mask to protect mouth and/or face.

WORK/HYGIENIC PRACTICES:

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