

SAFETY DATA SHEETS

NEAT COAT EPOXY PART A

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NEAT COAT EPOXY PART A MANUFACTURER: Incredible Products LLC.
ADDRESS: 1221 Stewart Rd. Lima, OH 45801
INFORMATION PHONE: 567-297-3700
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SECTION 2: HAZARDOUS IDENTIFICATION

Classification:

Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitization : Category 1

Pictograms:



Signal Word:

Warning

Hazardous Statements - Health:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary Statements - General:

P261 Avoid breathing mist or vapors.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.

Precautionary Statements - Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing mist or vapors.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Precautionary Statements - Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements - Storage:

P405 - Store locked up.

Precautionary Statements - Disposal:

P501 - Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Components

| Chemical name | CAS-No. | Classification | Concentration (% w/w) |
|---|------------|--|-----------------------|
| bisphenol-A-(epichlorhydrin) epoxy resin | 25068-38-6 | Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Skin Sens. 1; H317 | >= 60 - < 80 |
| bisphenol-F-(epichlorhydrin) epoxy resin | 28064-14-4 | Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Skin Sens. 1; H317 | >= 10 - < 30 |
| oxirane, mono[(C12-14-alkyloxy)methyl]derivatives | 68609-97-2 | Skin Irrit. 2; H315 Skin Sens. 1; H317 | >= 5 - < 10 |
| Benzyl alcohol | 100-51-6 | Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2A; H319 | >= 1 - < 5 |

Actual concentration or concentration range is withheld as a trade secret

SECTION 4: FIRST AID MEASURES

Most important symptoms and effects, both acute and delayed

Irritant effects
Sensitizing effects
Allergic reactions
Excessive lachrymation
Erythema
Dermatitis
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

Inhalation:

Remove the source of exposure or move the person to fresh air and keep breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

Skin Contact:

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. IF exposed or concerned: Get medical advice/attention.

Eye Contact:

Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep the eye wide open while rinsing.

Ingestion:

Clean the mouth with water and drink plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take the victim immediately to hospital.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

If water is used, use very large quantities of cold water.

Specific Hazards in Case of Fire:

N/A

Fire-fighting Procedures:

Isolate the immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from the immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special Protective Actions:

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with a full-face piece. Boots, gloves (neoprene), goggles, and full protective clothing are also required. Care should always be exercised in dust/mist areas.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Keep unnecessary people away; isolate hazard areas and deny entry. Do not touch or walk through spilled material.

Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions:

Do not flush into surface water or the sanitary sewer system. If the product contaminates rivers and lakes or drains, inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

SECTION 7: HANDLING AND STORAGE

General:

Avoid exceeding the given occupational exposure limits

Do not get in eyes, on skin, or on clothing.

For personal protection see section 8.

Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Smoking, eating and drinking should be prohibited in the application area.

Follow standard hygiene measures when handling chemical products.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits.

The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Store in the original container.

Keep the container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions.

Store in accordance with local regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for the entire face, use it in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization.

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect workers, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. When airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied air respirator with a full-face piece or an air supplied hood. For emergencies, use a positive pressure self-container breathing apparatus. Air purifying (cartridge type) respirators are not approved for protection against isocyanates.

Appropriate Engineering Controls:

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: N/A

FLASH POINT: > 93 °C (> 199 °F) (METHOD: CLOSED CUP)

EVAPORATION RATE: N/A

PH: 8.2

SOLUBILITY IN H₂O: INSOLUBLE

VOLATILE ORGANIC COMPOUNDS (VOC) CONTENT: 14 G/L A+B COMBINED

SECTION 10: STABILITY AND REACTIVITY

Stability:

This product is stable

Conditions to Avoid:

N/A

Hazardous Reactions/Polymerization:

Will not occur under normal conditions.

Incompatible Materials:

Explosives, Oxidizing agents, Poisonous gases, Flammable solids, Organic peroxides, Poisonous liquids, and Spontaneously Combustible Substances

Hazardous Decomposition Products:

N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Components:

bisphenol-A-(epichlorhydrin) epoxy resin: Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg Acute dermal toxicity : LD50 Dermal (Rabbit): > 20,000 mg/kg

bisphenol-F-(epichlorhydrin) epoxy resin: Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

Benzyl alcohol: Acute oral toxicity : LD50 Oral (Rat): 1,620 mg/kg Acute inhalation toxicity : LC50 (Rat): > 4.178 mg/l Exposure time: 4 h Test atmosphere: dust/mist

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

IARC Not applicable

OSHA Not applicable

NTP Not applicable

Reproductive toxicity

Not classified due to lack of data.

STOT-single exposure

Not classified due to lack of data.

STOT-repeated exposure

Not classified due to lack of data.

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Aspiration toxicity

Not classified due to lack of data.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Components:

bisphenol-A-(epichlorhydrin) epoxy resin: Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Exposure time: 96 h Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.8 mg/l Exposure time: 48 h

Benzyl alcohol: Toxicity to fish : LC50 (Fish): > 100 mg/l Exposure time: 96 h Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information

Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May be harmful to the environment if released in large quantities. Water polluting material.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste from residues : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORTATION INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(epoxy resin)
Class : 9
Packing group : III
Labels : Miscellaneous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964

IMDG-Code

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(epoxy resin)
Class : 9
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

TDG

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.
(bisphenol-A-(epichlorhydrin) epoxy resin)
Class : 9

Packing group : III
Labels : 9
ERG Code : 171
Marine pollutant : no
Remarks : Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters).

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15: REGULATORY INFORMATION

Canadian lists

The following substance(s) is/are subject to a Significant New Activity Notification:
Oxirane, (chloromethyl)- Epichlorohydrin 106-89-8
a-chlorotoluene 100-44-7

SECTION 16: OTHER INFORMATION

DISCLAIMER

The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.