

SAFETY DATA SHEETS

EPOXY PRIMER- CONDUCTIVE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Epoxy Primer- Conductive
MANUFACTURER: Incredible Products LLC.
ADDRESS: 1601 McKinley Rd. St. Mary's, OH 45895
INFORMATION PHONE: 567-297-3700
EMERGENCY PHONE: 800-424-9300
REVISION DATE: July 23, 2021

SECTION 2: HAZARDOUS IDENTIFICATION

Classification:

Skin Irritation- Category 2
Eye Irritation- Category 2
Respiratory Sensitizer (Solid/Liquid)- N/A
Skin Sensitizer- Category 2B
Carcinogenicity- Category 2



Signal Word: Warning

Warning: Flammable liquid and vapor.
Warning: May cause damage to organs (auditory system) through prolonged or repeated exposure
Warning: May be harmful if swallowed and enters airways
Warning: Harmful in contact with skin
Warning: Causes skin irritation
Warning: May cause an allergic skin reaction
Warning: Causes serious eye irritation.
Warning: Harmful if inhaled
H319 - May cause eye irritation
H315 - May cause skin irritation
H317 - May cause an allergic skin reaction
H335 - May be harmful if inhaled

Precautionary Statements- General:

Harmful to aquatic life.

P101 - If medical advice is needed, have a product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use

Precautionary Statements - Prevention:

P102 - Keep out of reach of children.
P103 - Read label before use
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233 - Keep the 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.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P264 - Wash skin thoroughly after handling.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P271 - Use only outdoors or in a well-ventilated area

Precautionary Statements- Response:

P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P302 + P352 - IF ON SKIN: Wash with plenty of water.
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
P321 - Specific treatment (see section 4 on this SDS).
P362 + P364 - Take off contaminated clothing. And wash it before reuse.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.

Precautionary Statements- Storage:

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

P405 - Store locked up.

P233 - Keep container tightly closed

Precautionary Statements- Disposal:

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

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
Solid Epoxy Resin	25036-25-3	NONE	NONE	NONE	30-60
*Xylene	1330-20-7	100PPM	100PPM	150PPM	31
*ethyl benzene (as a component of xylene)	100-41-4	100ppm	100ppm	125ppm	0-5.0
*toluene (as a component of xylene)	108-88-3	200ppm	20ppm	150ppm	0-0.2
MICA	12001-26-2	80MG/M3	3MG/M3	NONE	7-13
TIN OXIDE	18282-10-5	2MG/M3	2MG/M3	NONE	1-5
*ANTIMONY	7440-36-0	0.5MG/M3	0.5MG/M3	NONE	<1.0%
AMORPHOUS SILICA	7631-86-9	80MG/M3	10MG/M3	3MG/M3-8HR	1-5

SECTION 3 NOTES: *** Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372. ACGIH STEL=150PPM FOR XYLENE. Note: Ingredients listed without percentages, the percentages are considered a trade secret.

SECTION 4: FIRST AID MEASURES**Inhalation:**

Remove the source of exposure or move the person to fresh air and keep comfortable for breathing. Administer oxygen if necessary. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

Skin Contact:

Skin contact will normally cause no more than irritation, but wash affected area with soap and water and remove contaminated clothing promptly

Eye Contact:

Remove the source of exposure or move the person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention. Avoid direct contact. Wear chemical protective gloves, if necessary.

Ingestion:

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Give 1 or 2 glasses of milk or water to drink and refer the person to medical personnel. Do not give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention

SECTION 5: FIRE FIGHTING MEASURES**Suitable Extinguishing Media:**

Foam, alcohol foam, CO2, Dry chemical

Unsuitable Extinguishing Media:

N/A

Specific Hazards in Case of Fire:

Solvents may produce excessive pressure. Sealed drums may rupture and ignite. Vapors are heavier than air and may travel along the ground and ignite by any source of ignition.

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. Presence of solvents in products may require grounding.

Special Protective Actions:

Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with 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:

Keep unnecessary people away; isolate hazard areas and deny entry. Do not touch or walk through spilled material. Remove all sources of ignitions. Remove excess with a vacuum truck and take up the remainder with an absorbent material such as clay and place in disposal containers. Flush area with water to remove residue.

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:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

SECTION 7: HANDLING AND STORAGE

General:

Wash hands after use.

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

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

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. Air circulation and exhaustion of isocyanate vapors must be maintained until the coatings have fully cured to ensure that no potential health hazard remains.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approve

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-contained breathing apparatus. Air purifying (cartridge type) respirators are not approved for protection against isocyanates.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 1.0
BOILING POINT: 243 TO 279 F
EVAPORATION RATE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN H2O: NEGLIGIBLE

SECTION 10: STABILITY AND REACTIVITY

Stability:

This product is stable.

Conditions to Avoid:

Avoid excessive heat or open flames as well as all sources of ignition such as sparks, heaters, static charges, etc.

Hazardous Reactions/Polymerization:

Will not occur

Incompatible Materials:

Avoid amine curing agents in uncontrolled amounts and strong oxidizing agents

Hazardous Decomposition Products:

May form toxic chemicals, carbon dioxide, carbon monoxide, various hydrocarbons, etc.

SECTION 11: TOXICOLOGICAL INFORMATION

No data for the product itself.

Component data:

Component Solid Epoxy Resin CAS# 25036-25-3: May Cause Sensitization by skin contact or through inhalation.

Component Xylene: Inhalation LC50 26800ppm, Skin LD50 2000 mg/kg, Ingestion LD50 4.3 g/kg.

Exposure may affect skin, eye, liver, kidney, nervous system, respiratory system and lungs. High concentrations may lead to nervous system effects. Repeated overexposure has produced toxic effects in developing and young laboratory animals. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Xylene may contain ethyl benzene, and toluene. Ethyl benzene has shown limited evidence of a carcinogenic effect.

Component Antimony CAS# 7440-36-0: Oral LD50 7000 mg/kg (rats). The Antimony component of this product exists as a solid solution in tin oxide wherein Antimony ions substitute for tin in the lattice. Repeated exposure of animals by ingestion of Antimony caused reduced weight gain, blood effects and injury to heart muscles. In humans, prolonged or chronic exposure to antimony fumes or dust may cause skin pustules, bleeding gums, conjunctivitis, laryngitis, headache, weight loss, anemia, pain or tightness in chest, shortness of breath, metallic taste and decreased sense of smell.

Component CAS# 7631-86-9: Oral LD50 >7500 mg/kg (rats)

Component amorphous silica CAS#7631-86-9: Toxic effects described in animals exposed by inhalation of high levels of amorphous silica include pulmonary changes, or mild fibrosis, rever

SECTION 12: ECOLOGICAL INFORMATION

No data for the product itself.

Component data:

Component Xylene: Acute Toxicity: Fish: Toxic 1 < LCECIC50 < 10mg/l, Aquatic Invertebrates: Toxic 1 < LC/EC/IC50 <10 mg/l, Algae: Toxic 1 < LC/EC/IC50 <10 mg/l. Mobility - floats on water. If it enters the soil it will be highly mobile and may contaminate groundwater. Oxidises rapidly by photo-chemical reactions in air.

Component Antimony CAS# 7440-36-0: Antimony is moderately toxic (96 hr LC50 1-50 mg/l) The 96 hr LC50 in sheephead minnows is > 6.2 < 8.3 ppm.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste management should be in full compliance with federal, state, and local laws.

SECTION 14: TRANSPORTATION INFORMATION

DOT: UN1993, FLAMMABLE LIQUID N.O.S. (CONTAINS XYLENE), 3, PG III

IMO/IMDG: UN1993, FLAMMABLE LIQUID N.O.S. (CONTAINS XYLENE), 3, PG III

SECTION 15: REGULATORY INFORMATION

No data for the product itself.

Component data:

All Chemicals on TSCA list This product contains chemicals listed on California Proposition 65 list. This product contains Chemical(s) subject to reporting requirements section 313 – xylene @ <26%. % (ethyl benzene <5.0% and toluene <0.1% as a component of xylene). All components of this product are on the Canadian Domestic Substance list

Component Xylene: Xylene contains EPCRA section 313 chemicals subject to the reporting requirements of the emergency planning and community right to know act of 1968. (Maximum wt % for components of xylene are: M-Xylene CAS# 108-38-3 is 46%, P-Xylene CAS# 106- 42-3 is 20%,

Ethylbenzene CAS# 100-41-4 is 19%, O-Xylene CAS# 95-47-6 is 16%. Xylene and its components are on the California Proposition 65 list for developmental toxicity, Reproductive toxicity and carcinogen list.

Ingredients are on the TSCA list, DSL Canada, AICS, China, EINECS, ENCS, Korea, New Zealand, Philippines inventory lists and on the Massachusetts, New Jersey, Pennsylvania right to know lists Ethyl Benzene a component of xylene has been designated by IARC as a possible carcinogen to humans based on increased tumor incidence in laboratory animals. risk phrases R10 Flammable R20/21 Harmful by inhalation and in contact with skin, R38 irritating to skin, S25 Avoid contact with eyes.

Component Solid Epoxy Resin on the Pennsylvania right to know list

Component tin oxide CAS# 18282-10-5 and Antimony CAS# 7440-36-0: The Antimony-tin oxide matrix in this product is very insoluble. EPA toxicity characteristic leaching procedure (TCLP) leaching tests have shown that less than 2 mg/l antimony and less than 0.5 mg/l tin are released from this product. FDA extraction tests have shown that less than 2 ppm antimony and less than 40ppm of tin are released from this material. Components are on the TSCA list and Canada DSL

Component Antimony CAS# 7440-36-0: is regulated as a toxic chemical under section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Component CAS# 12001-26-2: On TSCA list. DSL Canada Listed and is considered an uncontrolled product. Although not on the California Proposition 65 list, it may contain ppm quantities of materials regulated under California's safe drinking water and toxic enforcement act of 1986.

Component CAS# 7631-86-9: Component is on the Minnesota right to know list. Component is on the TSCA list and Canada DSL. WHMIS HAZARD CLASSIFICATION: Class B Division 2, Class D Division

2B

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