Safety Data Sheet

Revised 9 March 2019

1. Identification

Product Name: Pour -In Epoxy Resin, Part A
Product Codes: 4040

Recommended Use: Surface Protection

Emergency Phone: 1-800-322-8172
(Monday - Friday, 7:30 a.m. to 5:00 p.m. EST)

Manufactured By: David E. Easterday & Company, Inc.
1225-C US 62
Wilmot, Ohio 44689

Chemtrec Phone: 1-800-424-9300
Other Calls: (330) 359-0700
Facsimile: (330) 359-0800

2. Hazards Identification

Classification: Skin Irritant 2, Skin Sensitizer 1, Serious Eye Damage/Irritantion 2A
STOT-SE 3, STOT-RE 2

Signal Word: Danger

Hazard Statements:

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure (skin)

Symbols:

Precautionary Statements:

Prevention

P261	Avoid breathing dust/fume/gas/mist/vapor/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P337+P313	If eye irritation persists: 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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314	Get medical advice/attention if you feel unwell.

Storage

P403+P233	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal

P501	Dispose of contents/container in accordance with applicable federal, state, and local laws and regulations.

3. Composition/Information on Ingredients

Ingredient	CAS No.	HAP (Y/N)	VOC (Y/N)	% by Wt.
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	25068-38-6	No	y	65 to 85
1,6-Hexanediol Diacrylate	13048-33-4	No	Y	10 to 15
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.	68609-97-2	No	Y	3 to 5

4. First-Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin Contact Wash immediately with plenty of water and soap. Remove contaminated clothing and shoes without delay. Obtain medical attention. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure.

Ingestion Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Inhalation Get medical attention. If necessary, call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media: None known.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to potential of hazardous vapors and decomposition products.

Unusual Fire and Explosion Hazards: Closed containers may explode due to pressure build-up when exposed to fire or extreme heat.

Hazardous Thermal Decomposition Products: carbon oxides

6. Accidental Release Measures

Non-Emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Emergency Personnel: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Small Spill Clean-Up: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill Clean-Up: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and Storage

Protective Measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

General Occupational Hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

Safe Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

8. Exposure Controls/Personal Protection

Chemical Name	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA CEILING
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	N.D.	N.D.	N.D.	N.D.
1,6-Hexanediol Diacrylate[1]	N.D.	N.D	N.D.	N.D.
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.				

N.D. - Not Determined [1]AIHA WEEL, 1.0 mg/m3 (TWA, 8 hrs)

Engineering Controls: Check applicable ventilation codes. Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Personal Protective Equipment:

Respiratory Tract - Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical evaluation, training, fit testing, exposure assessments, maintenance, inspection, cleaning and convenient, sanitary storage should be implemented.

Eyes - Wear chemically resistant splash goggles and/or a face shield when handling this product. Wear eye protection when the possibility exists for eye contact with splashing or spraying liquid, or airborn material. Do not wear contact lenses. Have an eye wash station available.

Skin - Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving the jobsite.

Other Hygiene Measures - Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and Chemical Properties

Appearance	reddish-brown, viscous liquid	**Vapor Pressure**	0.13 mbar @ 68 °F (20 C°)
Odor	acrylate	**Vapor Density**	1
Odor Threshold	Not determined	**Relative Density**	1.15
Density	9.60 lbs/gallon	**Solids Content**	100% (theoretical)
pH	Not determined	**Solubility**	Not determined
Melting/Freezing Point	Not determined	**Partition Coefficient, n-octanol/water**	Not determined
Initial Boiling Point	199.99 °F (93.33 C°)		
Boiling Range	Not determined	**Auto-Ignition Temp.**	Not determined
Flashpoint	> 200.1 °F (93.4 C°)	**Decomposition Temp.**	Not determined
Evaporation Rate	Not determined	**Viscosity**	Not determined
UEL/LEL	Not determined	**Material VOC**	0.00 lbs per gallon (US)(theoretical)

10. Stability and Reactivity

Stability: Stable under normal conditions

Conditions to Avoid: Strong oxidizer. Extremes of temperature or direct sunlight.

Incompatibility (Materials to Avoid): Reactive or incompatible with the following materials:
strong oxidizing agents,
strong acids,
strong alkalis,
aliphatic amines.

Hazardous Decomposition or Byproducts: carbon oxides
decomposition products should not be produced.

Other Hazards: Heating this substance above 300 °F in the presence of air may cause slow oxidative decomposition; above 500 °F polymerization may occur.
Some combinations of resings and curing agents can produce exothermic reactions which in large masses can cause runaway polymerization and charring of the reactants.
Fumes and vapors from the thermal and chemical decompositions vary widely in composition and toxicity.

11. Toxicological Information

Ingredient

4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	LD50 (oral, rat) 11,400 mg/kg LD50 (dermal, rat) 2,000 mg/kg
1,6-Hexanediol Diacrylate	LD50 (oral, rat) 5,000 mg/kg
Oxirane, Mono[(C12-14-alkyloxy)methyl] Derivs.	LD50 (oral, rat) 17,100 mg/kg

Primary Routes of Entry skin, eyes, inhalation, oral

12. Ecological Information

Overview: No data available. No ecological information available.

13. Disposal Considerations

Waste Disposal Method: Whatever cannot be recovered, reused, or recycled in an appropriate manner should be disposed of at an approved waste facility. Processing, use or contamination of this product may change the the waste management options. Dispose of container and unused contents in accordance with applicable federal, state and local laws and regulations. The person generating the waste is responsible for determining the waste classification and disposal method.

14. Transport Information

U.S. Department of Transportation
Title 49 CFR, Subchapter C

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Liquid Expoxy Resin)
Hazard Class: 9
I.D. Number: UN3082
Packing Group: III

Environmentally Hazardous and/or Marine Pollutant: Yes

Emergency Response Guidebook (2016) **Guide Number:** 171

15. Regulatory Information

Sara 313 Reportable: None listed.

California Prop. 65
WARNING. This product contains less than 0.1% of a chemical known to the State of California to cause cancer.
WARNING. This product contains less than 0.1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Re-productive	No significant risk level	Max. acceptable dosage level
Oxirane, 2-(phenoxymethyl)-	Yes	No	5 µg/day	No
Oxirane, 2,2'-[oxybis(methylene)]bis-	No	Yes	No	No

16. Other Information

To the best of our knowledge, the information and recommendations contained herein were believed to be accurate at the time of preparation, or obtained from sources believed to be reliable. However, it is the user's responsibility to determine safety, toxicity, and suitability for his own use of the product. No warranties of any kind, either expressed or implied, including fitness for a particular purpose, are made regarding the product described, data or information set forth. In no case shall the descriptions, information or data provided be considered as part of our terms and conditions of sale. The descriptions, information and data furnished herein are given gratis. No obligation or liability for the descriptions, information and data given are assumed. All such being given and accepted at your risk.

The customer or recipient of this SDS should ensure that the information contained in this SDS is made available to all employees or other persons whom he knows or believes will use this material.

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