



SAFETY DATA SHEET

EP-76 Resin

Section 1. Identification

Product Identifier: EP-76 Resin

Product type: Epoxy Resin

Recommended Use: Use to bond Precision Board Plus High-Density Urethane to make larger sheets or blocks.

Manufacturer's Name & Address Emergency Telephone Number (24/7)

Coastal Enterprises Company
P.O. Box 4875
Orange, CA 92863-4875
Non- Emergency phone
(800) 845-0745

Chemtrec: (800) 424-9300

Section 2. Hazards Identification

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIS/TLV	OSHA/PEL
P	NO	NO	UNKNOWN	N.A.mg/M ³	N.A.mg/M ³
2	NO	NO	UNKNOWN	N.A.mg/M ³	N.A.mg/M ³

Note: Contains materials regulated as dust hazards dispersed in a non-hazardous form. If dust is recreated, appropriate respiratory and/or explosion precautions must still be used.

GHS label elements

Signal word

Warning: Irritant

Hazard statements

H320: Causes eye irritation (Eye Irrit. 2B)
H303: May be harmful if swallowed (Acute Tox. 5 Oral)
H315: Causes skin irritation (Skin Irrit. 2)
H317: May cause an allergic reaction (Skin Sen. 1)
H335: May cause respiratory irritation (STOT SE3)

Precautions

P202: Do not handle until all precautions have been read and understood.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P270: Do not eat, drink, or smoke when using this product.
P281: Use personal protective gear as required.
P285: In case of inadequate ventilation wear respiratory protection.
P273: Avoid release to the environment.

Section 3. Composition / Information on Ingredients

Under GHS-OSHA 4.11 the precise composition of this product is withheld as confidential business information (CBI). A more complete disclosure can be provided to a health or safety professional when necessary.

Substance/Mixture: NO. Component	C.A.S. NO.	Percent
P. Epoxy Based Resin Mixture	N/A	<100%
2 Multifunctional Acrylate	15625-89-5	<2%

Section 4. First-Aid Measures

Description of necessary first aid measures

Eye Contact:	Immediately flush eyes with water, lift upper and lower eyelids. Remove contact lenses. Get medical attention if irritation persists.
Inhalation:	Move to an area that has plenty of fresh air. Rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin Contact:	Flush contaminated skin with water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion:	Do not induce vomiting. Wash out mouth with water. Seek fresh air and rest in a comfortable position for breathing. If material has been swallowed, drink small quantities of water. Get medical attention if symptoms occur.

Section 5. Fire-Fighting Measures

Flash Point	210°F
Flammability Classification:	Combustible Class (IIIB)
Extinguishing Media:	Water Fog, Dry Chemical, Carbon Dioxide, or Foam
Note:	Either atmosphere-supply or air-purifying respirators should be available for fire fighters (20 CFR 1910.134)
Specific hazards arising from the material	No specific fire or explosion hazard
Hazardous thermal decomposition products	No specific data

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire, No action will be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Note: Either atmosphere-supply or air-purifying respirators should be available for fire fighters (20-CFR 1910.134)

Section 6. Accidental Release Measures

If Material is Spilled:

Avoid contact with material. Persons not wearing proper protective equipment should be excluded from the area until clean up is complete. Dike area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.

Waste Disposal Method:

Dispose of any waste generated above in accordance with federal state and local regulation.

Section 7. Handling and Storage

Precautions for safe handling

Protective measures

Put on protective equipment (See Section 8)

Advice on general hygiene

Eating, drinking should be prohibited in areas where this material is handled and stored. Wash hands and face before eating and drinking. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage

Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal. Reseal partly used containers. Store under cool, dry conditions and away from open flames and high temperatures. Observe conditions of good industrial hygiene and safe working practice.

Section 8. Exposure Controls / Personal Protection

Respiratory Protection:

Not normally necessary unless the material is being used in such a way as to produce dust, mist, vapor, fumes, or smoke, in which case NOISH approved respiratory protection should be used.

Ventilation:

Should be sufficient to control any dust, mist, vapor, or fumes produced by processing or handling method. Breathing of vapor must be avoided.



Hand Protection: Impervious gloves, neoprene or nitrile rubber gloves recommended.

Eye/Face Protection: Splash proof goggles, or safety glasses with side shields recommended.

Hand Protection: N/A

Body Protection: Clean, body covering clothing and footwear.

Section 9. Physical and Chemical Properties

Appearance

Physical state	Liquid	Vapor pressure	Negligible
Color	Amber	Vapor density	N/A
Odor	Bland	Specific gravity	1.14
Odor threshold	N/A	Solubility in water	N/A
pH	Neutral	Partition coefficient	N/A
Melting point/Freezing	0°C/32°F	Auto-Ignition temp.	N/A
Boiling/condensation point	100°C / 212°F	Decomposition temp	N/A
Flash point	300°F	Viscosity	N/A
Evaporation rate	N/A	Density	9.5
Flammability (solid, gas)	IIIB		
Lower and upper explosive (flammable) limits	N/A		

Section 10. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients

Chemical stability: Stable under normal storage conditions. Unstable at elevated temperatures.

Possibility of hazardous reactions: Unknown

Conditions to avoid: No specific data

Incompatible materials: Strong oxidizing agents, Lewis or mineral acids, mineral and organic bases especially aliphatic amines.

Hazardous decomposition: Carbon oxides, aldehydes, acids, phenols, and other unknown compounds.

Section 11. Toxicological Information

Effects of Overexposure:

Acute:

Eyes	Moderately irritating to eye
Inhalation	Acute Inhalation
Skin contact	Moderately irritating to skin and may cause skin sensitization
Ingestion	Low order of acute oral toxicity

Chronic:

No specific hazards known to Coastal Enterprises Co. Pre-existing eye, skin, or lung disorders may be aggravated by exposure to this product.

Symptoms related to the physical, chemical and toxicological characteristics

Eye Contact:	No specific data
Inhalation	No specific data
Skin contact	No specific data
Ingestion	No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential	N/A
Immediate effects	
Potential delayed effects	N/A

Potential chronic health effects

General	No known significant effects or critical hazards
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazards
Fertility effects	No known significant effects or critical hazards

Numeric measures of toxicity

Acute toxicity estimates N/A

Other Information: N/A

Section 12. Ecological Information

Ecotoxicity Effects:

Aquatic Toxicity: No data available

Toxicity of other organisms: No data available

Persistence and Degradability

Mobility	No data available
Bioaccumulation:	No data available

Section 13. Disposal Considerations

Disposal methods: Generation of waste should be avoided or minimized whenever possible. Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of surplus and non-recyclable products via a licensed waste contractor.

Section 14. Transport Information

Proper shipping name: Plastic Material Liquid, N.O.I.

DOT	Not regulated	IMDG	Not regulated
TDG	Not regulated	IATA	Not regulated

Section 15. Regulatory Information

Safety, health and environmental regulations specific for this product:

United States Regulations

TSCA 8(b) Inventory All components are listed or exempted

TSCA 5(a) 2 final significant new use rule No ingredients listed



(SNUR)

TSCA 5(e) substance constant order	No ingredients listed
TSCA 12(b) export Notification	No ingredients listed
SARA 311/312	Not classified
Clean Air Act-Ozone	This product does not contain nor is it manufactured with ozone depleting substances
SARA 313	No ingredients listed
CERCLA Hazardous substances	No ingredients listed
<u>State regulations</u> Pennsylvania - RTK	No ingredients listed
California Prop 65	This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels, which would require a warning under the statute.
<u>Canadian regulations</u> CEPA DSL WHMIS (Canada)	All components are listed or exempted D2B Materials causing other toxic effects-toxic material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

SCAQMID Rules This product does contain solvents, but may contain ingredients with VPS low enough to be emitted if heated alone. When 2 part resins and hardeners are properly mixed together these ingredients react together and are consumed without significant atmospheric emissions.

Brazil Regulations

Classification system used Norma ABNT-NBR 14725-2:2012

International lists:

Australia Inventory (AICS):	All components are listed or exempted
China Inventory (IECSC)	All components are listed or exempted
Japan Inventory	All components are listed or exempted
Korea Inventory	All components are listed or exempted
Malaysia Inventory (EHS Register)	Not determined
New Zealand Inventory of Chemicals (NZIoC)	At least one component is not list
Phillippines Inventory (PICCS)	All components are listed or exempted
Taiwan Inventory (CSNN)	Not determined

Section 16. Other Information

Hazardous Material: Information System (USA)	Health:	2
	Flammability:	1
	Physical Hazards:	0
	Personal Protection:	0

The customer is responsible for determining the PPE code for this material.



Caution HMIS(R) ratings are based on a 0-4 rating scale with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS(R) ratings are not required on SDSs under 29 CFR 1910 1200, the preparer may choose to provide them. HMIS(R) are to be used with a fully implemented HMIS(R) program.

HMIS(R) is a registered mark of the National Paint & Coatings Association (NPCA). HMIS(R) materials may be purchased exclusively from J. J. Keller (800) 327-6868.

National Fire Protection
Association (USA)

Health:	2
Flammability:	1
Physical Hazards:	0
Personal Protection:	0

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Date of Printing: 10/1/15
Date of Issue: 10/1/15
Date of previous Issue 1/19/15

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