SAFETY DATA SHEET

This Safety Data Sheet has been prepared to comply with the EU Regulation No. 1907/2006 and 2015/830.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name: Z-POXY 15 MIN FORMULA RESIN 2OZ
Part Number: PT35A-GHS
SDS Date of Preparation: August 10, 2015

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Quick set epoxy resin. This product is part of a two part product. Read and understand the hazard information on the SDS for the Epoxy Hardener before using this product.
Uses Advised Against: None known.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761
Information Phone Number: (909) 987-0550
E-mail: info@pacertechnology.com

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC Domestic North America: (800) 424-9300
CHEMTREC International: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS/CLP Regulation (EC) No 1272/2008:

Physical	Health	Environment
Not Classified	Eye Irritant Category 2 (H319) Skin Irritant Category 2 (H315) Skin Sensitizer Category 1 (H317)	Aquatic Chronic Toxicity Category 2 (H411)

2.2 Label Elements:

Warning!

Contains: Epoxy Resin

Hazard Phrases

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Phrases

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

P103	Read label before use.
P280	Wear protective gloves and eye protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Chemical Name	CAS#	EINECS#	CLP Annex VI Classification	%
Epoxy Resin (MW ≤700)	25068-38-6	500-033-5	Eye Irrit. Cat 2 (H319), Skin Irrit. Cat 2 (H315), Skin Sens. Cat 1 (H317), Aquatic Chronic Cat 2 (H411)	100

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye: Immediately flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.
Skin: Remove contaminated clothing and shoes. Flush skin with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.
Inhalation: Remove victim to fresh air. Get medical attention if irritation or symptoms of exposure occurs and persist.
Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If irritation or discomfort occurs, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause moderate eye and skin irritation. May cause skin sensitization. Inhalation of mists or vapors may cause respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

5.2 Special Hazards Arising from the Substance or Mixture:
Unusual Fire and Explosion Hazards: None known.
Combustion Products: Oxides of carbon, phenolics, aldehydes, acids, and other toxic or irritating compounds.

5.3 Advice for Fire-Fighters:
Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:
Avoid contact with eyes, skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Avoid breathing mists or vapors. Ventilate area.

6.2 Environmental Precautions:
Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:
Cover with an inert absorbent material and collect into an appropriate container for disposal.

6.4 Reference to Other Sections:
Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing mists or vapors. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a container in a cool, well-ventilated location away from incompatible materials. Keep container tightly closed when not in use. Ideal storage temperature 21°C (70°F). Keep away from sunlight and sources of ignition. Keep in original container.

7.3 Specific end use(s): Consumer use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Epoxy Resin (MW ≤700)	None Established

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. For higher exposures, supplied air respirator may be required. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.
Skin Protection: Impervious gloves such as rubber gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance. In Europe follow EN 374.
Eye Protection: Chemical safety goggles are recommended where splashing is possible. In Europe follow EN 166.
Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Light yellow viscous liquid	**Vapor Density:** No data available
Odor: Mild odor	**Solubility(ies):** 5.4-8.4 mg/L @ 20°C (68°F)
Odor Threshold: No data available	**Partition Coefficient (Octanol/Water):** No data available
pH: No data available	**Auto-ignition Temperature:** No data available

Melting Point/Freezing Point: No data available	**Decomposition Temperature:** No data available
Initial Boiling Point/Range: >320°C (608°F)	**Viscosity:** 11000-14000 mPa·S @ 25°C (77°F)
Flash Point: 264-268°C (507-514°F) (CC)	**Explosive Properties:** Not explosive
Evaporation Rate: No data available	**Oxidizing Properties:** Not an oxidizer
Flammable Limits: LEL: No data available **UEL:** No data available	**Relative Density:** 1.16 g/cc @ 25°C (77°F)
Vapor Pressure: 0.03 mmHg @ 25°C (77°F)	**Flammability (solid, gas):** Not applicable

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Product may react if exposed to oxidizing materials, acids or bases.

10.4 Conditions to Avoid: Avoid temperatures above 148°C (300°F).

10.5 Incompatible Materials: Strong acids, oxidizing agents, mineral and organic bases and especially aliphatic amines.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon, phenolics, aldehydes, acids, and other toxic or irritating compounds. Other organic substances may be formed during combustion (>260°C/>500°F) temperature degradation.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: Direct contact may cause moderate eye irritation.
Skin: May cause moderate skin irritation. May cause an allergic skin reaction (sensitization).
Inhalation: Inhalation of mists or vapors may cause respiratory tract irritation with coughing and sneezing.
Ingestion: May cause gastrointestinal tract irritation.
Chronic Hazards: None known.

Acute Toxicity Values:
Epoxy Resin: Oral rat LD50: >2000 mg/L, Skin rabbit LD50: >23032 mg/kg

Skin corrosion/irritation: Epoxy Resin: Found to be slightly to moderately irritating to rabbit skin.

Eye damage/irritation: Epoxy Resin: Found to be slightly irritating to rabbit eyes.

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.

Skin Sensitization: Epoxy Resin: Sensitizing in Mouse Local Lymphnode assay (LLNA) and Guinea pig maximization test.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:
Epoxy Resin: 96 hr LC50 Rainbow trout: 1.2-3.6 mg/L, 48 hr EC50 Daphnia magna: 1.1-2.8 mg/L, 21 day NOEC Daphnia magna: 0.3 mg/L

This product is classified as toxic to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

12.2 Persistence and Degradability: Epoxy Resin: Not biodegradable- 12% in 28 days.

12.3 Bioaccumulative Potential: Epoxy Resin: Bio concentration potential is moderate (BCF 100 - 3000 or Log Pow 3-5)

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:
Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	None	Not Regulated	None	None	Not applicable
IMDG	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)	9	III	Marine Pollutant
IATA/ICAO	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)	9	III	Yes

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EUROPEAN REGULATIONS

REACH: These products comply with REACH regulation as applicable. For more information, contact Pacer Technology.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

15.2 Chemical Safety Assessment: No data available

SECTION 16: OTHER INFORMATION

Date of Current Revision: August 10, 2015
Revision Summary: New SDS
Date of Previous Revision: None

GHS Classification for Reference (See Sections 3):
Aquatic Chronic Cat 2 Aquatic Chronic Toxicity Category 2
Eye Irrit. Cat 2 Eye Irritant Category 2
Skin Irrit. Cat 2 Skin Irritant Category 2
Skin Sens. Cat 1 Skin Sensitizer Category 1
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pacer Technology shall not be held liable for any damage resulting from handling or from contact with the above product.