

Material Safety Data Sheet



1. Identification of Substance/ Preparation and Company

Product Name: **PES-CHEM 502 CRXF BASE**
Company: PLANT EQUIPMENT & SVCS, 5401 HWY 21 W, BRYAN, TX 77803
Chemical Name & Synonyms: Modified Epoxy Resin
For Information: Call PH: 979-779-8700 www.pes-solutions.com email: pes1@pes-solutions.com
In an Emergency: CHEMTREC – 800-424-9300 (24 HRS)

2. Hazards Identification

Irritating to eyes and skin. May cause sensitization by skin contact. Dangerous for the environment

3. Composition/ Information on Ingredients

Hazardous Components	Cas Number	Percentage	Classification
Bisphenol A Epoxy Resin	25068-38-6	<280%	Xi, N; R36/38, 43, 51, 53
Alkyl Glycidyl Ether	68609-97-2	<5%	Xi; R38-43

4. First Aid Measures *Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion*

Eye: Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists seek medical advice
Skin: Remove contaminated clothing immediately. Wash affected area with soap and water. If irritation persists seek medical attention.
Ingestion: Do not induce vomiting. Rinse mouth and drink plenty of water. Seek medical attention
Inhalation: Remove person to fresh air.
FIRST AIDERS SHOULD PROTECT THEMSELVES FROM EXPOSURE (Ref SECTION 8)

5. Fire Fighting Measures

Extinguishing Media: Dry powder, CO2 or foam
Exposure Hazards: Thick dense black smoke.
Fire Fighting Equipment: Wear Self contained breathing apparatus, rubber boots, gloves and body suit

6. Accidental Release Measures

Avoid skin and eye contact. Prevent from entering sewer system, surface water or soil. For large amounts dike spilled product with liquid absorbing material and pump off. For small spills soak up and transfer to a suitable container. Wash area with water.
Refer to section 5, 8 and 13 for Protective Measures and Disposal.

7. Handling and Storage

Store in a cool dry area between 50F and 86F, away from direct sunlight, heat and sources of ignition – no smoking. Use in well ventilated area. Wash hands after contact.

8. Exposure Controls/ Personal Protection

OCCUPATIONAL EXPOSURE LIMITS

Respiratory: Not required during normal use
Ingestion: Not during normal use
Skin Protection: Protective clothing should be worn to avoid skin contact, PVC or Rubber gloves
Eye Protection: Safety Goggles

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9. Physical/ Chemical Properties

Appearance:	Viscous liquid	Odor:	Aromatic
Viscosity:	Thick liquid	Specific Gravity:	1.78g/cm ³ at 68F
Flash Point:	>141.8F	Melting Point:	N/A
Evaporation Rate:	N/A	Solubility:	Insoluble in water/ Soluble in with organic solvents

10. Stability and Reactivity

Stability:	Stable
Materials to Avoid:	None identified
Hazardous Decomposition:	In a fire carbon monoxide and oxides of nitrogen may be released

11. Toxicological Information

Acute Toxicity:	No specific data available
Health Warning:	Persons who suffer from asthma or chronic bronchitis are advised not to work with this product. Vapor or spray Mist may cause irritation of the eyes, mucous membrane and respiratory organs. High concentrations of the vapor may cause dizziness, headaches, nausea, confusion, drowsiness and possible unconsciousness. Prolonged or repeat Contact with the skin may cause anemia and tar warts.

12. Ecological Information

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

13. Disposal Considerations

Dispose of in accordance with local regulations

14. Transport Information

UN No: 3077 **Class:** 9 **P.G:** III **Technical Name:** Environmentally hazardous substance, epoxy resin

15. Regulatory Information

Labeling:	Irritant (Xi), Dangerous for the environment (N)	
R Phrases (R36/38)		Irritating to eyes and skin
(R43)		May cause sensitization by skin contact
(R51/53)		Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
S Phrases (S24)		Avoid contact with skin
(S26)		In case of contact with eyes rinse immediately with plenty of water and seek medical advice
(S28)		After contact with the skin, wash immediately with plenty of resin removing cream
(37/39)		Wear suitable protective clothing, gloves and eye/face protection
(S61)		Avoid release to the environment.

16. Other Information

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