

Material Safety Data Sheet



1. Identification of Substance/ Preparation and Company

Product Name: **PES-CHEM 506 ALUPRIME BASE**
Company: PLANT EQUIPMENT & SVCS, 5401 HWY 21 W, BRYAN, TX 77803
Chemical Name & Synonyms: Modified Epoxy Resin
For Information: Call 979-779-8700 www.pes-solutions.com email: pes1@pes-solutions.com
In an Emergency: CHEMTREC- 800-424-9300 (24 HRS.)

2. Hazards Identification

Flammable
Harmful by inhalation and contact with the skin
Irritating to the eyes and skin
May cause sensitization by skin contact

3. Composition/ Information on Ingredients

Hazardous Components	Cas Number	Percentage	Classification
Bisphenol A Epoxy resin	25068-38-6	<=80%	Xi; R36/38-43-51/53
Xylene (mixed isomers)	1330-20-7	<=19%	Xn;Xi; R10-20/21-38
Ethyl Benzene	100-41-4	<=6%	F;Xn; R11-20

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. 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 necessary in well ventilated areas
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:	Clear liquid	Odor:	Aromatic
Viscosity:	liquid	Specific Gravity:	1.15g/cm3 at 68F
Flammability:	Will burn if involved in a fire	Flash Point:	>141.8°F
Solubility:	Insoluble in water/ Soluble in with organic solvents		

10. Stability and Reactivity

Stability:	Stable
Materials to Avoid:	None
Hazardous Decomposition:	None
Hazardous Polymerizations:	None

11. Toxicological Information

Health Warning: Vapor or spray mist may cause irritation to the eyes, mucous membrane and respiratory organs. High concentrations of the vapor may cause dizziness, headaches, nausea, confusion, drowsiness and possible Unconsciousness. Prolonged or repeated contact with the skin may cause anemia. Dry sanding of, and welding or Flame cutting through, the cured film may give rise to dust and fumes which must not be inhaled

12. Ecological Information

No product specific data available but the nature of certain of the ingredients is such that this product should not be permitted to enter drains or Watercourses or to otherwise enter the natural environment

13. Disposal Considerations

Dispose of in accordance with local regulations

14. Transport Information

UN No: 1263 **Class:** 3 **P.G:** III **Technical Name:** Paint
ADR: Classification code F1 HIN 30
IMDG: Not a marine pollutant

15. Regulatory Information

Labeling:	Irritant, flammable (Xi), Harmful (Xn)	
R Phrases (R10)	Flammable	
(R20/21)	Harmful by inhalation and contact with the skin	
(R36/38)	Irritating to eyes and skin	
(R43)	May cause sensitization by skin contact	
S Phrases (S7/9)	Keep container tightly closed and in a well ventilated area	
(S23)	Do not breathe vapor or spray	
(S26)	In case of contact with eyes, rinse immediately with plenty of water and seek medical attention	
(S36/37/39)	Wear suitable protective clothing, gloves and eye/face protection	
(S43)	In case of fire, use carbon dioxide, dry powder or foam. NEVER USE WATER	
(S51)	Use in only well ventilated areas	

Regulations: All components of this product are listed on the TSCA Inventory or are exempt from listing

16. Other Information

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The information contained within this document is furnished without warranty of any kind. Users should consider this data only as a supplement of other information gathered by them and make independent determinations of suitability and completeness of information from all sources to ensure proper use and disposal of these materials and the safety of employees and customers.