



# SAFETY DATA SHEET

Date of Issue: 05/02/2017  
Rev No/Date: 01 9/02/2020

## **SECTION 1: IDENTIFICATION**

Product Name: E-PLUS PART A

Relevant identified uses of the substance

Product Use: Epoxy mixture adhesive component.

Supplier: Conley Composites  
4544 Broadmoor Ave.  
Kentwood, MI 49512 USA  
Tel: 1-616-512-8000  
Fax: 1-616-512-8001

Emergency Telephone Number: PERS  
1-800-633-8253

## **SECTION 2: HAZARDS IDENTIFICATION**

Hazardous Classification	Skin Sens. 1	H317 May cause an allergic skin reaction
	Eye Dam:	H320 Causes eye irritation
Signal Words	Warning	



Pictogram(s)

GHS07

Hazard Statement(s)	H317	May cause an allergic skin reaction
	H320	Causes eye irritation

Precautionary Statement(s)	P260	Do not breathe vapors
	P280	Wear protective gloves/eye protection

- P363 Wash contaminated clothing before reuse
- P305+P351+P338 Remove contact lenses, Rinse cautiously with water for several minutes.
- P333+ P313 If skin irritation or rash occurs: Get medical advice/attention
- P337+P313 None of the ingredients are considered to be either PBT or vPvB

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Substance(s): Mixture

Product Name: E-PLUS PART A

Ingredient Name	%	CAS Number
Epoxy phenol novolac resin	65-85%	0028064-14-4
Crystalline Silica (Quartz)	5-10%	14808-60-7
Hydrophobic Silica	5-10%	67762-90-7
Mineral Wool	5-10%	65997-17-3

Any concentration shown as a range is to protect confidentially and or due to batch variation

**SECTION 4: FIRST-AID MEASURES**

Cured thermoset resin products do not pose any significant health hazards related to inhalation, skin contact, eye contact or ingestion unless the article is disturbed via abrading or cutting the product.

Description of necessary first aid measures:

- Eye Contact Remove contact lenses, irrigate copiously with clean, fresh water for at least 20 minutes. If irritation develops or persists, seek medical attention.
- Inhalation Move to fresh air. If difficulty in breathing or respiratory irritation; seek medical attention. If breathing has stopped; seek immediate medical attention, provide artificial respiration or oxygen by trained personnel.
- Skin Contact Wash affected area thoroughly with soap and water for at least 20 minutes. If irritation develops or persists; seek medical attention.
- Ingestion Do not induce vomiting unless directed by medical personnel. If symptoms persist; seek medical attention. Rinse mouth and then drink plenty of water

## **SECTION 5: FIRE-FIGHTING MEASURES**

Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Specific Hazards Arising From the Chemical	<p>In a fire or if heated, a pressure increase will occur and the container may burst.</p> <p>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.</p> <p>Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain</p>
Special Protective Actions For Fire-Fighters	Fire-Fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) and turnout gear

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment & Emergency Procedures	Wear appropriate personal protective equipment (PPE) and clothing to reduce or eliminate contact.
Environmental Precautions	Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil.
Methods & Materials for Containment & Clean Up	Clean the affected area carefully: suitable cleaner is denatured alcohol. Ensure adequate ventilation. Dispose contaminated materials as waste according to item 13

## **SECTION 7: HANDLING & STORAGE**

Precautions for Safe Handling	Use in well ventilated area. Do not smoke
Conditions for Safe Storage	<p>Store away from foodstuffs. Protect from heat and direct sunlight</p> <p>Keep away from oxidizers, acids and bases</p>

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Ingredient Name</b>	<b>Exposure Limits (8hrs TWA)</b>
Epoxy phenol novolac resin	N/E
<b>Ingredient Name</b>	<b>Exposure Limits (8 hrs TWA)</b>
Crystalline Silica (Quartz)	No data available

<b>Ingredient Name</b>	<b>Exposure Limits (8 hrs TWA)</b>
Hydrophobic Silica	No data available
<b>Ingredient Name</b>	<b>Exposure Limits (8 hrs TWA)</b>
Mineral Wool	No data available

Appropriate Engineering Controls      Provide adequate general ventilation to control airborne concentrations to below occupational exposure limit values.

Personal Protective Equipment      Eye protection with side shields (e.g., ANSI Z87, EN166)

Skin protection such as gloves or clothing to minimize or eliminate skin contact.

General protective and hygienic measures for handling chemicals should be followed. Do not eat, drink, smoke or sniff while working. Do not inhale gases/fumes. Avoid contact with the eyes and skin. Clean skin thoroughly immediately after handling the product. Ensure that washing facilities are available at the work place. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Breathing equipment is not necessary if room is well-ventilated.

Avoid direct contact with the chemical. Recommended material of gloves: Nitrile Rubber, Recommended thickness of the material:  $\geq 0.4$ mm, the exact breakthrough time of the glove material shall be found out by the manufacturer and must be observed.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Beige, Grey or Brown Paste is standard
Upper/Lower Flammability or Explosive Limits	No Data
Odor	Slight
Vapor Pressure	CA. 1mm Hg @ 20 Degrees C
Odor Threshold	No data
Vapor Density (air = 1)	No data
pH	7
Relative Density	No Data
Melting Point/Freezing Point	No Data
Solubility	Insoluble
Initial Boiling Point and Boiling Range	200 Degrees C
Flash Point	Closed cup >200 Degrees C
Evaporation Rate	180 Degrees C (resin component)
Flammability (solid, gas)	No Data

Partition Coefficient: n-otanol/water	No Data
Auto-Ignition Temperature	Product is not selfigniting
Viscosity	No Data
Oxidizing	No Data

## **10. STABILITY AND REACTIVITY**

Reactivity	No data available
Chemical Stability	The product is stable
Possible Hazardous Reactions	Hazardous reactions will not occur
Conditions to Avoid	Excessive heat
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon oxides, burning produces obnoxious and toxic fumes

## **11. TOXICOLOGICAL EFFECTS**

Acute Toxicity	No data on the product itself
Skin Corrosion/Irritation	Acute skin irritation
Serious Eye Damage/Irritation	Severe eye irritation
Respiratory or Skin Sensitization	May cause sensitization by inhalation and skin contact
Germ Cell Mutagenicity	Not mutagenic in AMES test
Carcinogenicity	No data on the product itself
Reproductive Toxicity	No data on the product itself
STOT-Single Exposure	No data on the product itself
STOT-Repeated Exposures	No data on the product itself
Aspiration Hazards	No data on the product itself

## **12. OTHER INFORMATION**

Legend to abbreviation and acronyms used

- ANSI- American Nation Standards Institute
- NIOSH- National Institute for Occupational Safety and Health
- vPvB- very Persistent and very Bio accumulative
- PBT- Persistent Bio accumulative and Toxic

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **13. DISPOSAL CONSIDERATIONS**

#### Waste Disposal

The generation of waste should be avoided or minimized wherever possible. Waste product residues should not be disposed of via the foul sewer. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### **14. TRANSPORT INFORMATION**

**Transportation Emergency Number:** 1-800-633-8253 (PERS).

UN number: UN3082  
DOT Classification: Non-Regulated for transportation  
Europe ADR/RID: Hazard Class 9  
IMDG Code: Hazard Class 9  
ICAO/IATA: Hazard Class 9  
Packing Group: III  
Marine Pollutant (IMDG code 2.9.3).

### **15. REGULATORY INFORMATION**

#### United States

HCS Classification : Irritating material  
: Sensitizing material  
U.S.Federal Regulations: TSCA 8(a) IUR: partial exemption  
United States inventory (TSCA 8b): This material is listed or exempted.  
SARA 313 : No ingredients listed.  
This does not contain nor is it manufactured with ozone depleting substances.  
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 require warning under the statute.

## **16. OTHER INFORMATION**

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NIOSH- National Institute for Occupational Safety and Health

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