




# Safety Data Sheet

## E4E-PU-HYBRID A

### SECTION 1. IDENTIFICATION

<b>Product identifier</b>	E4E-PU-HYBRID
<b>Other Means of Identification</b>	None
<b>Recommended Use</b>	Concrete floor coating
<b>Restrictions on Use</b>	Unknown
<b>Supplier Identifier</b>	PA Epoxy
<b>Emergency Phone No.</b>	

### SECTION 2. HAZARD IDENTIFICATION

<b>Classification</b>	Serious eye damage/irritation Category 2A Acute Toxicity, Dermal Category 5
<b>Label Elements</b>	
<b>Signal Word</b>	WARNING
<b>Hazard Statements</b>	H313: May be harmful in contact with skin H319: Causes serious eye irritation
<b>Precautionary statements</b>	<b>Prevention:</b> P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/eye protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P302 + P352 IF ON SKIN: Wash with plenty of water. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P301 + P312 IF SWALLOWED: Call a POISON Center/doctor/...if you feel unwell. P330 Rinse mouth. P362 + P364 Take off contaminated clothing and wash before reuse. P391 Collect spillage. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.
<b>Other Hazards:</b>	Unknown



# Safety Data Sheet

Chemical Name	CAS No.	% concentration
4-methyl-1,3-dioxolan-2-one	108-32-7	1 - 10 %
Silicon dioxide amorphous	112945-52-5	< 1 %

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### **Inhalation:**

IF INHALED: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

#### **Skin Contact:**

Flush with soap and water for a minimum of 15 minutes. Consult a physician if irritation persists or you feel unwell.

#### **Eye Contact:**

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

#### **Ingestion:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

### Most Important Symptoms and Effects, Acute and Delayed

#### **If inhaled:**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### **If on skin:**

Harmful if in contact with the skin. Causes skin irritation. Exposure may produce an allergic reaction

#### **If in eyes:**

Causes serious eye damage.

#### **If Ingested:**

Ingestion is likely to be harmful or have adverse effects

### Immediate Medical Attention and Special Treatment:

#### **Special Instructions:**

If a physician or medical attention is required, have product container or label at hand.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### **Suitable Extinguishing Media**

In case of fire: water fog, foam, dry chemical powder, carbon dioxide (CO<sub>2</sub>)

#### **Unsuitable Extinguishing Media**

Do not use water jet as an extinguisher, as this might spread the fire.

### Specific Hazards Arising from the Product

During fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.



# Safety Data Sheet

## **Special Protective Equipment and Precautions for Fire-fighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Isolate area. Keep unnecessary and unprotected personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see section 8 of the SDS.

### **Methods and Materials for Containment and Clean up**

Soak up with inert absorbent material and dispose of as hazardous waste. For waste disposal, see section 13 of the SDS.

## SECTION 7. HANDLING AND STORAGE

### **Precautions for Safe Handling**

Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### **Conditions for Safe Storage**

Store in cool and dry, under well-ventilated conditions. Keep container closed when not in use. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Control Parameters**

All protective clothing should be appropriately clean and available to dress into before work. The engineering measures or controls and PPE recommendations are only guidelines and may not apply to every situation.

Data not available.

### **Appropriate Engineering Controls**

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines.

### **General Measures**

Do not eat, drink or smoke during work. Avoid all contact with skin or eye. If clothing comes into contact with material, do not allow out of the workplace. Clean hands and any exposed skin thoroughly after work and before breaks.

### **Eye / Face Protection**

Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals.

### **Skin Protection**

Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect



# Safety Data Sheet

against coming in contact with product.

## Respiratory Protection

If insufficient ventilation, wear respiratory protection.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Cloudy Liquid
Odor	Mild
Odor threshold	Not available
pH	Not available
Melting Point	Not available
Initial Boiling Point / Range	Approximately 140°C
Flash point	>93 C
Evaporation rate	Not available
Flammability(solid; gas)	Not available
Lower flammable/explosive limit	Not available
Upper flammable/explosive limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	Not available
Solubility	Insoluble
Partition coefficient – n- Octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	Non-reactive & stable
Chemical stability	Stable under recommended handling and storage conditions
Possibility of Hazardous reactions	product will polymerize if mixed with an isocyanate. Considerable heat can evolve.
Conditions to avoid	Avoid temperatures exceeding the flash point. Avoid unintended contact with isocyanates.
Incompatible materials	Strong oxidizers
Hazardous decomposition products	unknown

## SECTION 11. TOXICOLOGY INFORMATION

### Likely Routes of Administration

Inhalation, skin contact, eye contact, ingestion.



# Safety Data Sheet

**Acute Toxicity**

Oral: Harmful if swallowed.

Dermal: Harmful in contact with skin.

**LD50 and LC50 Data**

Not available

**Skin Corrosion/Irritation**

Not available

**Serious Eye Damage/ Irritation**

Not available

**STOT (Specific Target Organ Toxicity) – Single Exposure Inhalation**

Not available

**Aspiration Hazard**

Not available

**STOT(Specific Target Organ Toxicity) – Repeated Exposure**

Not available

**Respiratory and/or Skin Sensitization**

May irritate mucous membranes, eyes, nose, and respiratory passages. May cause asthma attack to persons with pre-existing bronchial hyper reactivity. Exposure to high concentrations may lead to bronchitis, bronchial spasm and pulmonary oedema. Effects are usually reversible. May cause C.N.S. depression with symptoms of nausea, light-headedness, drowsiness, dizziness, loss of coordination

**Carcinogenicity**

Unknown

**Reproductive Toxicity**

Not available

**Germ Cell Mutagenicity**

Not available

**Interactive Effects**

Not available

**SECTION 12. ECOLOGICAL INFORMATION**

Non-hazardous to aquatic environment.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**SECTION 14. TRANSPORT INFORMATION**



# Safety Data Sheet

UN Number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:  
 Not classified as a dangerous good under transport regulations.

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):  
 Not classified as a dangerous good under transport regulations.

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):  
 Not classified as a dangerous good under transport regulations.

## SECTION 15. REGULATORY INFORMATION

Not required

## SECTION 16. OTHER INFORMATION

<b>Date of Preparation</b>	August 2020
<b>Date of Last Revision</b>	-
<b>Revision Indicators</b>	The entire MSDS was changed in August 2020
<b>References</b>	<ol style="list-style-type: none"> <li>1. CHOHS Fact Sheets September 2016 ©CCOHS 2016</li> <li>2. Supplier's Material Safety Data Sheet(s)</li> </ol>

Notice: The facts stated and the recommendations made with respect to the use of this product are based on liable information. No guarantee of accuracy is made. Before using, determine the suitability of the product's intended use. The purchaser assumes all risks and liability for losses, damage, or expenses, directly or indirectly, arising from the handling or use of the product or from any other cause. All recommendations are made on condition that Sealchem will not be liable for any damages resulting from its use since Sealchem cannot control the conditions under which the product will be transported, stored, handled or used by the purchaser.