



## SAFETY DATA SHEET EPO-TEK UD1214

### 1. Identification

#### Product identifier

Product name EPO-TEK UD1214

Product number UD1214

#### Recommended use of the chemical and restrictions on use

Application Adhesive.

#### Details of the supplier of the safety data sheet

Supplier Epoxy Technology, Inc.  
14 Fortune Drive  
Billerica, MA 01821  
USA  
(978) 667-3805  
(978) 663-9782  
www.epotek.com, SDS@epotek.com

#### Emergency telephone number

Emergency telephone +1 (800) 255-3924, +1 (813) 248-0585

### 2. Hazard(s) identification

#### Classification of the substance or mixture

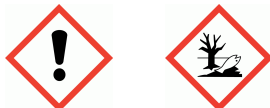
Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

#### Label elements

##### Pictogram



Signal word Warning

Hazard statements  
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 statements  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with national regulations.

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### Other hazards

Harmful dust may be released during cutting or grinding process.

### 3. Composition/information on ingredients

#### Mixtures

<b>Epoxy Resin Blend</b>	<b>60-100%</b>
CAS number: Proprietary	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse nose and mouth with water. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse nose and mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Give plenty of water to drink. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Do not induce vomiting unless under the direction of medical personnel. Place unconscious person on their side in the recovery position and ensure breathing can take place. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Do not use organic solvents. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Take off contaminated clothing and wash it before reuse. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

#### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract. Gas or vapor in high concentrations may irritate the respiratory system.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Causes skin irritation. May cause sensitisation by skin contact.
<b>Eye contact</b>	Causes serious eye irritation.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### 5. Fire-fighting measures

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### Extinguishing media

**Suitable extinguishing media** Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>).

### Special hazards arising from the substance or mixture

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and disperse vapors.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

### Environmental precautions

**Environmental precautions** Avoid discharge to the aquatic environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if safe to do so. Eliminate all sources of ignition. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of contents/container in accordance with local regulations.

**Reference to other sections** For personal protection, see Section 8.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash contaminated skin thoroughly after handling. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at -40 degrees C. Keep container tightly sealed when not in use.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## 8. Exposure Controls/personal protection

### Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### Exposure controls

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### Protective equipment



<b>Appropriate engineering controls</b>	Provide adequate general and local exhaust ventilation.
<b>Eye/face protection</b>	Wear tight-fitting, chemical splash goggles or face shield.
<b>Hand protection</b>	It is recommended that chemical-resistant, impervious gloves are worn.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated. Wash after use and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Paste.
<b>Color</b>	Black.
<b>Odor</b>	Mild.
<b>Flash point</b>	> 93°C
<b>Evaporation rate</b>	< BuAc
<b>Other information</b>	None.

## 10. Stability and reactivity

<b>Reactivity</b>	The following materials may react with the product: Strong acids. Bases
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
<b>Materials to avoid</b>	Strong acids. Bases
<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. Toxicological information

### Information on toxicological effects

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<b>Inhalation</b>	Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract. Gas or vapor in high concentrations may irritate the respiratory system.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin Contact</b>	Causes skin irritation. May cause sensitisation by skin contact.
<b>Eye contact</b>	Causes serious eye irritation.

### 12. Ecological Information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

#### Toxicity

**Acute toxicity - fish** Not available.

#### Persistence and degradability

**Persistence and degradability** No data available.

#### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

#### Mobility in soil

**Mobility** No data available.

#### Results of PBT and vPvB assessment

#### Other adverse effects

**Other adverse effects** Not known.

### 13. Disposal considerations

#### Waste treatment methods

**Disposal methods** Dispose of contents/container in accordance with national regulations.

### 14. Transport information

#### UN Number

**UN No. (TDG)** 3082

**UN No. (IMDG)** 3082

**UN No. (ICAO)** 3082

**UN No. (DOT)** 3082

#### UN proper shipping name

**Proper shipping name (TDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Resin Blend)

#### Transport hazard class(es)

**EPO-TEK UD1214**

<b>TDG class</b>	9
<b>TDG label(s)</b>	9
<b>IMDG Class</b>	9
<b>ICAO class/division</b>	9

**Transport labels****Packing group**

<b>TDG Packing Group</b>	III
<b>IMDG packing group</b>	III
<b>ICAO packing group</b>	III
<b>DOT packing group</b>	III

**Environmental hazards****Environmentally Hazardous Substance****Special precautions for user**

**EmS** F-A, S-F

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information**

**Regulatory References** Proprietary information protected pursuant to WTO's Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS), Section 7, Art. 39.

**International Regulations****US Federal Regulations****SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None of the ingredients are required to be listed.

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

None of the ingredients are required to be listed.

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are required to be listed.

**SARA 313 Emission Reporting**

None of the ingredients are required to be listed.

**CAA Accidental Release Prevention**

None of the ingredients are required to be listed.

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### **OSHA Highly Hazardous Chemicals**

None of the ingredients are required to be listed.

### **US State Regulations**

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are required to be listed.

#### **California Air Toxics "Hot Spots" (A-I)**

None of the ingredients are required to be listed.

#### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are required to be listed.

#### **California Directors List of Hazardous Substances**

None of the ingredients are required to be listed.

#### **Massachusetts "Right To Know" List**

None of the ingredients are required to be listed.

#### **Rhode Island "Right To Know" List**

None of the ingredients are required to be listed.

#### **Minnesota "Right To Know" List**

None of the ingredients are required to be listed.

#### **New Jersey "Right To Know" List**

None of the ingredients are required to be listed.

#### **Pennsylvania "Right To Know" List**

None of the ingredients are required to be listed.

### **Inventories**

#### **EU - EINECS/ELINCS**

Some of the ingredients are listed or exempt.

#### **Canada - DSL/NDSL**

Some of the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

#### **Australia - AICS**

Some of the ingredients are listed or exempt.

#### **Japan - MITI**

Some of the ingredients are listed or exempt.

#### **Korea - KECI**

Some of the ingredients are listed or exempt.

#### **China - IECSC**

Some of the ingredients are listed or exempt.

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### Philippines - PICCS

Some of the ingredients are listed or exempt.

#### 16. Other information

<b>Revision date</b>	2/3/2017
<b>Revision</b>	2
<b>Supersedes date</b>	9/15/2015
<b>Hazard statements in full</b>	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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