



## SAFETY DATA SHEET EPO-TEK OG116

### 1. Identification

#### Product identifier

Product name EPO-TEK OG116

Product number OG116

#### 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

#### 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 Dam. 1 - H318 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

#### Label elements

##### Pictogram



Signal word

Danger

##### Hazard statements

H411 Toxic to aquatic life with long lasting effects.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H315 Causes skin irritation.

##### 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.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container in accordance with national regulations.

## EPO-TEK OG116

**Contains** Epoxy Phenol Novolac, Bisphenol A Diglycidyl Ether Resin, Reactive Diluent

**Other hazards**

**Hazards not otherwise classified (HNOC)** Contains epoxy constituents. May produce an allergic reaction.

### 3. Composition/information on ingredients

**Mixtures**

<b>Epoxy Phenol Novolac</b>	<b>60-100%</b>
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CAS number: 28064-14-4

**Classification**

Skin Irrit. 2 - H315  
 Eye Irrit. 2 - H319  
 Skin Sens. 1 - H317  
 Aquatic Chronic 2 - H411

<b>Bisphenol A Diglycidyl Ether Resin</b>	<b>10-30%</b>
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CAS number: 25085-99-8

**Classification**

Skin Irrit. 2 - H315  
 Eye Irrit. 2 - H319  
 Skin Sens. 1 - H317  
 Aquatic Chronic 2 - H411

<b>Dihydroxy Alcohol</b>	<b>5-10%</b>
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CAS number: Proprietary

**Classification**

Skin Irrit. 2 - H315  
 Eye Irrit. 2 - H319  
 STOT SE 3 - H335

<b>Reactive Diluent</b>	<b>1-5%</b>
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CAS number: Proprietary

**Classification**

Acute Tox. 4 - H302  
 Acute Tox. 4 - H312  
 Acute Tox. 4 - H332  
 Skin Irrit. 2 - H315  
 Eye Dam. 1 - H318  
 Skin Sens. 1 - H317

The Full Text for all Hazard Statements are Displayed in Section 16.

### 4. First-aid measures

**Description of first aid measures**

## EPO-TEK OG116

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Remove affected person from source of contamination. Rinse nose and mouth with water. Give plenty of water to drink. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove contaminated clothing and rinse skin thoroughly with water. Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at least 10 minutes. Do not use organic solvents. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

### 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 damage.

### 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

### Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemicals. Foam. Water spray.
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### Special hazards arising from the substance or mixture

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

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and disperse vapors.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Keep unnecessary and unprotected personnel away from the spillage. Avoid contact with skin and eyes. Provide adequate ventilation.
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### Environmental precautions

<b>Environmental precautions</b>	Avoid discharge to the aquatic environment.
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### Methods and material for containment and cleaning up

## EPO-TEK OG116

**Methods for cleaning up** Stop leak if safe to do so. Eliminate all sources of ignition. Absorb spillage with sand or other inert absorbent. Collect spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Handle all packages and containers carefully to minimize spills. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene** Provide eyewash station. 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. Use appropriate skin cream to prevent drying of skin.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at room temperature. 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

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

#### Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Eye/face protection** Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection** It is recommended that chemical-resistant, impervious gloves are worn.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures** Provide eyewash station. 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. Use appropriate skin cream to prevent drying of skin.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

**Appearance** Viscous liquid.

**Color** Clear.

**Odor** Mild.

## EPO-TEK OG116

<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 oxidizing agents.
<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.
<b>Materials to avoid</b>	Strong oxidizing agents.
<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

<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 damage.

### 12. Ecological Information

<b>Ecotoxicity</b>	Toxic to aquatic life with long lasting effects.
<b><u>Toxicity</u></b>	
<b>Acute toxicity - fish</b>	Not available.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	No data available.

**EPO-TEK OG116****Bioaccumulative potential****Bio-Accumulative Potential** No data available on bioaccumulation.**Mobility in soil****Mobility** Semi-mobile.**Other adverse effects****Other adverse effects** Not known.**13. Disposal considerations****Waste treatment methods****General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.**14. Transport information****UN Number****UN No. (DOT)** 3082**UN No. (IMDG)** 3082**UN No. (ICAO)** 3082**UN proper shipping name****Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac, Bisphenol A Diglycidyl Ether Resin)**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac, Bisphenol A Diglycidyl Ether Resin)**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Epoxy Phenol Novolac, Bisphenol A Diglycidyl Ether Resin)**Transport hazard class(es)****DOT hazard class** 9**DOT hazard label** Class 9**IMDG Class** 9**ICAO class/division** 9**Transport labels****Packing group****DOT pack group** III**IMDG packing group** III**ICAO packing group** III**Environmental hazards**

## EPO-TEK OG116

### 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

#### 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.

##### **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.

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

None of the ingredients are required to be listed.

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

The following ingredients are listed:

**Dihydroxy Alcohol**

##### **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.

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### Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

**Dihydroxy Alcohol**

### Inventories

#### EU - EINECS/ELINCS

Some of the ingredients are listed or exempt.

#### Canada - DSL/NDSL

All 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.

#### 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.

#### Philippines - PICCS

Some of the ingredients are listed or exempt.

### 16. Other information

<b>Revision date</b>	12/14/2015
<b>Revision</b>	1
<b>Hazard statements in full</b>	<p>H302 Harmful if swallowed.  H312 Harmful in contact with skin.  H315 Causes skin irritation.  H317 May cause an allergic skin reaction.  H318 Causes serious eye damage.  H319 Causes serious eye irritation.  H332 Harmful if inhaled.  H335 May cause respiratory irritation.  H411 Toxic to aquatic life with long lasting effects.</p>

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