



## SAFETY DATA SHEET EPO-TEK® E3037

### 1. Identification

#### Product identifier

Product name EPO-TEK® E3037

Product number E3037

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

Application Adhesive.

Uses advised against Use only for intended applications.

#### 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 ChemTel: +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 Carc. 2 - H351

Environmental hazards Aquatic Chronic 2 - H411

#### Label elements

##### Hazard symbols



Signal word

Warning

##### Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer.  
H411 Toxic to aquatic life with long lasting effects.

**EPO-TEK® E3037**

**Precautionary statements**

P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P302+P352 If on skin: Wash with plenty of water.  
 P308+P313 If exposed or concerned: 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.

**Contains** Epoxy Phenol Novolac, Reactive Diluent, Accelerator, Antioxidant

**Other hazards**

Harmful dust may be released during cutting or grinding process.

**3. Composition/information on ingredients****Mixtures**

<b>Silver</b>	<b>60-100%</b>
CAS number: 7440-22-4	
<b>Classification</b> Aquatic Chronic 2 - H411	
<b>Epoxy Phenol Novolac</b>	<b>10-30%</b>
CAS number: 9003-36-5	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	
<b>Reactive Diluent</b>	<b>5-10%</b>
CAS number: Proprietary	
<b>Classification</b> Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	
<b>Accelerator</b>	<b>&lt;1%</b>
CAS number: Proprietary	
<b>Classification</b> Acute Tox. 4 - H302 Carc. 2 - H351 Aquatic Chronic 1 - H410	

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<b>Antioxidant</b>	<b>&lt;1%</b>
CAS number: Proprietary	
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Muta. 2 - H341	
Carc. 2 - H351	
Aquatic Acute 1 - H400	

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. Maintain an open airway. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. 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. Get medical attention if any discomfort continues. Never give anything by mouth to an unconscious person.
<b>Skin Contact</b>	Rinse cautiously with water for several minutes. Continue to rinse for at least 10 minutes. Do not use organic solvents. Take off contaminated clothing and wash it before reuse. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing.

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

<b>General information</b>	Contains a substance which may be potentially carcinogenic.
<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 an allergic skin reaction. 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****Extinguishing media**

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

**Special hazards arising from the substance or mixture**

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**Hazardous combustion products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Oxides of nitrogen.

**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 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. Avoid inhalation of vapors and 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 after use and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. 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 -40°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.

**8. Exposure controls/Personal protection****Control parameters****Occupational exposure limits****Silver**

Long-term exposure limit (8-hour TWA): 0.1

**Accelerator**

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m<sup>3</sup>

**Antioxidant**

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH

ACGIH = American Conference of Governmental Industrial Hygienists.

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### 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

Do not eat, drink or smoke when using this product. Wash after use and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. 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	Paste.
Color	Silver.
Odor	Mild.
Odor threshold	No specific test data are available.
pH	No specific test data are available.
Melting point	No specific test data are available.
Initial boiling point and range	No specific test data are available.
Flash point	> 93°C
Evaporation rate	< BuAc
Evaporation factor	No specific test data are available.
Flammability (solid, gas)	No specific test data are available.
Upper/lower flammability or explosive limits	No specific test data are available.
Vapor pressure	No specific test data are available.
Vapor density	> 1
Relative density	No specific test data are available.
Bulk density	No specific test data are available.
Solubility(ies)	Slightly soluble in water.
Partition coefficient	No specific test data are available.
Auto-ignition temperature	No specific test data are available.
Decomposition Temperature	No specific test data are available.

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**Viscosity** No specific test data are available.

**Other information** None.

**10. Stability and reactivity**

**Reactivity** The following materials may react with the product: Strong oxidizing agents. Strong reducing agents.

**Stability** Stable at normal ambient temperatures and when used as recommended.

**Possibility of hazardous reactions** May polymerize.

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

**Materials to avoid** Strong oxidizing agents. Strong reducing agents.

**Hazardous decomposition products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Oxides of nitrogen.

**11. Toxicological information****Information on toxicological effects****Acute toxicity - dermal**

**ATE dermal (mg/kg)** 18,803.42

**Acute toxicity - inhalation**

**ATE inhalation (gases ppm)** 76,923.08

**ATE inhalation (vapours mg/l)** 188.03

**ATE inhalation (dusts/mists mg/l)** 25.64

**Carcinogenicity**

**Carcinogenicity** Contains a substance which may be potentially carcinogenic.

**Inhalation** 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.

**Ingestion** May cause discomfort if swallowed.

**Skin Contact** Causes skin irritation. May cause an allergic skin reaction. May cause sensitisation by skin contact.

**Eye contact** Causes serious eye irritation.

**Acute and chronic health hazards** Contains a substance/a group of substances which may damage the unborn child. Contains a substance/a group of substances which may cause cancer.

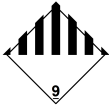
**12. Ecological information**

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

**Acute aquatic toxicity**

**Acute toxicity - fish** Not available.

**EPO-TEK® E3037****Persistence and degradability****Persistence and degradability** No data available.**Bioaccumulative potential****Bio-Accumulative Potential** No data available on bioaccumulation.**Partition coefficient** No specific test data are available.**Mobility in soil****Mobility** The product has poor water-solubility.**Other adverse effects****Other adverse effects** Not known.**13. Disposal considerations****Waste treatment methods****Disposal methods** 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. (TDG)** 3082**UN No. (IMDG)** 3082**UN No. (ICAO)** 3082**UN No. (DOT)** UN3082**UN proper shipping name****Proper shipping name (TDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Epoxy Phenol Novolac)**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Epoxy Phenol Novolac)**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Epoxy Phenol Novolac)**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Silver, Epoxy Phenol Novolac)**Transport hazard class(es)****DOT hazard class** 9**DOT hazard label** 9**TDG class** 9**TDG label(s)** 9**IMDG Class** 9**ICAO class/division** 9

**EPO-TEK® E3037****Transport labels****DOT transport labels****Packing group**

TDG Packing Group III

IMDG packing group III

ICAO packing group III

DOT packing group 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.

**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)**

The following ingredients are listed or exempt:

*Silver*

1,000 lbs (454 Kg)

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are required to be listed.

**SARA 313 Emission Reporting**

The following ingredients are listed or exempt:

*Silver***CAA Accidental Release Prevention**

None of the ingredients are required to be listed.



**EPO-TEK® E3037****OSHA Highly Hazardous Chemicals**

None of the ingredients are required to be listed.

**US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

*Accelerator*

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

The following ingredients are listed or exempt:

*Antioxidant*

*Silver*

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

None of the ingredients are required to be listed.

**Massachusetts "Right To Know" List**

The following ingredients are listed or exempt:

*Antioxidant*

*Accelerator*

*Silver*

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

The following ingredients are listed or exempt:

*Antioxidant*

*Accelerator*

*Silver*

**Minnesota "Right To Know" List**

The following ingredients are listed or exempt:

*Antioxidant*

*Accelerator*

*Silver*

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

The following ingredients are listed or exempt:

*Antioxidant*

*Accelerator*

*Silver*

**Pennsylvania "Right To Know" List**

The following ingredients are listed or exempt:

*Antioxidant*

*Accelerator*

*Silver*

**EPO-TEK® E3037****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 or exempt.

**Australia - AICS**

All the ingredients are listed or exempt.

**Japan - ENCS**

Some of the ingredients are listed or exempt.

**Korea - KECI**

All the ingredients are listed or exempt.

**China - IECSC**

All the ingredients are listed or exempt.

**Philippines - PICCS**

All the ingredients are listed or exempt.

**16. Other information**

<b>Revision date</b>	6/4/2020
<b>Revision</b>	2
<b>Supersedes date</b>	10/15/2015
<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.  H341 Suspected of causing genetic defects.  H351 Suspected of causing cancer.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.</p>

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Epoxy Technology, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Epoxy Technology, Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.