



## SAFETY DATA SHEET EPO-TEK 390

### 1. Identification

#### Product identifier

**Product name** EPO-TEK 390

**Product number** 390

#### 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** Carc. 2 - H351

**Environmental hazards** Not Classified

#### Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H351 Suspected of causing cancer.

**Precautionary statements** P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313 If exposed or concerned: Get medical advice/attention.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with national regulations.

**Contains** Methylene chloride

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### Other hazards

Harmful dust may be released during cutting or grinding process.

### 3. Composition/information on ingredients

#### Mixtures

<b>Methylene chloride</b>	<b>60-100%</b>
CAS number: 75-09-2	
<b>Classification</b>	
Carc. 2 - H351	
<b>Polyimide Polymer</b>	<b>5-10%</b>
CAS number: Proprietary	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
STOT SE 3 - H335	

The Full Text for all Hazard Statements are 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. 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>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Maintain an open airway. Rinse nose and mouth with water. 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. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 10 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 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>Inhalation</b>	Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May be slightly irritating to skin.

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**Eye contact** May cause temporary eye irritation.

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

**Notes for the doctor** Treat symptomatically.

### 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

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Oxides of nitrogen. Hydrogen chloride (HCl). Phosgene (COCl<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.

#### 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 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.

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### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

#### Methylene chloride

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 174 mg/m<sup>3</sup>  
A3

Short-term exposure limit (15-minute): OSHA 125 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

OSHA = Occupational Safety and Health Administration.

#### 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 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.

#### 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	Liquid.
Color	Clear. Yellowish.
Odor	Mild.
Vapour density	> Air
Solubility(ies)	Slightly soluble in water.
Other information	None.

### 10. Stability and reactivity

Reactivity	The following materials may react with the product: Aluminum.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Will not polymerize.

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<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
<b>Materials to avoid</b>	Aluminum.
<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Hydrogen chloride (HCl). Phosgene (COCl <sub>2</sub> ). Oxides of nitrogen.

### 11. Toxicological information

#### Information on toxicological effects

<b>Inhalation</b>	Gas or vapor in high concentrations may irritate the respiratory system. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin Contact</b>	May be slightly irritating to skin.
<b>Eye contact</b>	May cause temporary eye irritation.
<b>Acute and chronic health hazards</b>	Suspected of causing cancer.

### 12. Ecological Information

#### 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** The product has poor water-solubility.

#### 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

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

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### Transport hazard class(es)

No transport warning sign required.

### Packing group

Not applicable.

### Environmental hazards

#### **Environmentally Hazardous Substance**

No.

### Special precautions for user

Not applicable.

**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)**

The following ingredients are listed or exempt:

**Methylene chloride**

#### **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:

**Methylene chloride**

#### **CAA Accidental Release Prevention**

The following ingredients are listed or exempt:

**Methylene chloride**

#### **OSHA Highly Hazardous Chemicals**

The following ingredients are listed or exempt:

**Methylene chloride**

### US State Regulations

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

The following ingredients are listed or exempt:

**Methylene chloride**

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

The following ingredients are listed or exempt:

**Methylene chloride**

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

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None of the ingredients are required to be listed.

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

The following ingredients are listed or exempt:

**Methylene chloride**

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

The following ingredients are listed or exempt:

**Methylene chloride**

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

The following ingredients are listed or exempt:

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

The following ingredients are listed or exempt:

**Methylene chloride**

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

The following ingredients are listed or exempt:

**Methylene chloride**

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

The following ingredients are listed or exempt:

**Methylene chloride**

### **Inventories**

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

All 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 - MITI**

All 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.

**EPO-TEK 390****16. Other information**

<b>Revision date</b>	9/17/2015
<b>Revision</b>	1
<b>Hazard statements in full</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H351 Suspected of causing cancer.

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