



## SAFETY DATA SHEET EPO-TEK M10-D

### 1. Identification

#### Product identifier

Product name EPO-TEK M10-D

Product number M10D

#### 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 STOT SE 3 - H335

Environmental hazards Not Classified

#### Label elements

##### Pictogram



Signal word Warning

Hazard statements H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with national regulations.

## EPO-TEK M10-D

**Contains** Epoxy Novolac Resin

### Other hazards

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

### 3. Composition/information on ingredients

#### Mixtures

<b>Epoxy Novolac Resin</b>	<b>30-60%</b>
CAS number: 29690-82-2	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
STOT SE 3 - H335	
<b>Ethyl Benzene</b>	<b>&lt;1%</b>
CAS number: 100-41-4	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H332	
STOT RE 2 - H373	
Asp. Tox. 1 - H304	

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

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove affected person from source of contamination. 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>	May cause respiratory system irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.

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

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

## EPO-TEK M10-D

### 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.

### 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.

### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

## 7. Handling and storage

### Precautions for safe handling

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

**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 in a refrigerator. 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

#### Occupational exposure limits

##### **Ethyl Benzene**

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 87 mg/m<sup>3</sup>  
A3

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m<sup>3</sup>

## EPO-TEK M10-D

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

Wear protective gloves made of the following material: Impermeable material.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

#### 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	Tan.
Odor	Mild.
Flash point	> 93°C
Evaporation rate	< BuAc
Other information	None.

## 10. Stability and reactivity

Reactivity	The following materials may react with the product: Strong oxidizing agents. Strong acids.
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 acids.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Oxides of nitrogen.

## 11. Toxicological information

### Information on toxicological effects

## EPO-TEK M10-D

<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin Contact</b>	Irritating to skin.
<b>Eye contact</b>	Causes serious eye irritation.

### 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** No data available.

#### 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

**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.

#### 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.

## EPO-TEK M10-D

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:

###### **Ethyl Benzene**

Final CERCLA RQ: 1000(454) pounds (Kilograms)

##### **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:

###### **Ethyl Benzene**

##### **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**

WARNING: This product contains a substance known to the State of California to cause cancer and/or reproductive harm.

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

The following ingredients are listed:

###### **Ethyl Benzene**

##### **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:

###### **Ethyl Benzene**

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

The following ingredients are listed:

###### **Ethyl Benzene**

## EPO-TEK M10-D

### Minnesota "Right To Know" List

The following ingredients are listed:

**Ethyl Benzene**

### New Jersey "Right To Know" List

The following ingredients are listed:

**Ethyl Benzene**

### Pennsylvania "Right To Know" List

The following ingredients are listed:

**Ethyl Benzene**

### Inventories

#### EU - EINECS/ELINCS

Some of the ingredients are listed or exempt.

#### Canada - DSL/NDL

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

All the ingredients are listed or exempt.

#### Japan - MITI

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

Some of the ingredients are listed or exempt.

### 16. Other information

<b>Revision date</b>	3/10/2016
<b>Revision</b>	1
<b>Hazard statements in full</b>	<p>H225 Highly flammable liquid and vapor.  H304 May be fatal if swallowed and enters airways.  H315 Causes skin irritation.  H319 Causes serious eye irritation.  H332 Harmful if inhaled.  H335 May cause respiratory irritation.  H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure.</p>

## EPO-TEK M10-D

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