



## SAFETY DATA SHEET EPO-TEK 509EBT-M1 Part A

### 1. Identification

#### Product identifier

**Product name** EPO-TEK 509EBT-M1 Part A

**Product number** 509EBT-M1/A

#### 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** Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 1 - H370

**Environmental hazards** Aquatic Chronic 2 - H411

#### Label elements

##### Pictogram



**Signal word**

Danger

##### Hazard statements

H302+H332 Harmful if swallowed or if inhaled.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H370 Causes damage to organs.  
H411 Toxic to aquatic life with long lasting effects.

## EPO-TEK 509EBT-M1 Part A

<b>Precautionary statements</b>	<p>P261 Avoid breathing vapor/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	Bisphenol A Diglycidyl Ether Resin, Reactive Diluent, Polar Activator
<b>Other hazards</b>	
<b>Hazards not otherwise classified (HNOC)</b>	Contains epoxy constituents. May produce an allergic reaction.

### 3. Composition/information on ingredients

#### Mixtures

<b>Bisphenol A Diglycidyl Ether Resin</b>	<b>30-60%</b>
CAS number: 25085-99-8	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
<b>Reactive Diluent</b>	<b>10-30%</b>
CAS number: Proprietary	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
<b>Polar Activator</b>	<b>1-5%</b>
CAS number: Proprietary	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	

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

### 4. First-aid measures

#### Description of first aid measures

**General information** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

## EPO-TEK 509EBT-M1 Part A

<b>Inhalation</b>	Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.
<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 any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	Causes damage to organs.
<b>Inhalation</b>	Harmful if inhaled. May cause respiratory irritation.
<b>Ingestion</b>	Harmful if swallowed. May cause chemical burns in mouth, esophagus and stomach. May cause stomach pain or vomiting.
<b>Skin contact</b>	Causes skin irritation. May cause sensitization 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.
-----------------------------	------------------------

## 5. Fire-fighting measures

### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Water spray, fog or mist. Foam. Powder.
-------------------------------------	--

### 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> ).
--------------------------------------	---

### 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.
-----------------------------	---

### Environmental precautions

<b>Environmental precautions</b>	Avoid release to the environment.
----------------------------------	-----------------------------------

### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers.
--------------------------------	--

<b>Reference to other sections</b>	For personal protection, see Section 8.
------------------------------------	---

## EPO-TEK 509EBT-M1 Part A

### 7. Handling and storage

#### Precautions for safe handling

##### Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level. Persons susceptible to allergic reactions should not handle this product.

##### Advice on general occupational hygiene

Provide eyewash station. Do not eat, drink or smoke when using this product. 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

#### Control parameters

#### Occupational exposure limits

##### Polar Activator

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm

Short-term exposure limit (15-minute): ACGIH 250 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.

#### 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 liquid contact and repeated or prolonged vapor contact.

##### Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. 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

Black.

##### Odor

Mild.

##### Flash point

> 93°C

## EPO-TEK 509EBT-M1 Part A

<b>Evaporation rate</b>	<BuAc
<b>Vapor density</b>	>1
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Other information</b>	None.

### 10. Stability and reactivity

<b>Reactivity</b>	The following materials may react with the product: Strong oxidizing agents. Strong reducing agents.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Materials to avoid</b>	Strong oxidizing agents. Strong acids. Strong alkalis.
<b>Hazardous decomposition products</b>	Heating may generate the following products: Toxic gases/vapors/fumes of: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

### 11. Toxicological information

#### Information on toxicological effects

<b>General information</b>	Causes damage to organs.
<b>Inhalation</b>	Harmful if inhaled. May cause respiratory system irritation.
<b>Ingestion</b>	Harmful if swallowed. May cause chemical burns in mouth, esophagus and stomach. May cause stomach pain or vomiting.
<b>Skin Contact</b>	Causes skin irritation. May cause sensitization by skin contact.
<b>Eye contact</b>	Causes serious eye damage.

### 12. Ecological Information

<b>Ecotoxicity</b>	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
<b><u>Toxicity</u></b>	
<b>Acute toxicity - fish</b>	Not available.

## EPO-TEK 509EBT-M1 Part A

### 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

**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. (TDG)** 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 Bisphenol A Diglycidyl Ether Resin)

**Proper shipping name (TDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin)

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin)

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin)

### Transport hazard class(es)

**TDG class** 9

**TDG label** 9

**IMDG Class** 9

**ICAO class/division** 9

### Transport labels



### Packing group

## EPO-TEK 509EBT-M1 Part A

DOT pack group	III
TDG Packing Group	III
IMDG packing group	III
ICAO 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 listed.

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

The following ingredients are listed:

##### **Polar Activator**

5,000 lbs (2270 Kg)

#### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed.

#### **SARA 313 Emission Reporting**

The following ingredients are listed:

##### **Polar Activator**

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

None of the ingredients are listed.

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

None of the ingredients are 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:

## EPO-TEK 509EBT-M1 Part A

### **Polar Activator**

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

None of the ingredients are listed.

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

The following ingredients are listed:

**Polar Activator**

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

The following ingredients are listed:

**Polar Activator**

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

The following ingredients are listed:

**Polar Activator**

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

The following ingredients are listed:

**Polar Activator**

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

The following ingredients are listed:

**Polar Activator**

### **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**

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.



## EPO-TEK 509EBT-M1 Part A

### Philippines - PICCS

All the ingredients are listed or exempt.

#### 16. Other information

<b>Revision date</b>	6/2/2016
<b>Revision</b>	1
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapor. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. 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. H331 Toxic if inhaled. H332 Harmful if inhaled. H370 Causes damage to organs. H411 Toxic to aquatic life with long lasting effects.

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.



## SAFETY DATA SHEET EPO-TEK 509EBT-M1 Part B

### 1. Identification

#### Product identifier

**Product name** EPO-TEK 509EBT-M1 Part B

**Product number** 509EBT-M1/B

#### 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** Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 Repr. 1A - H360FD

**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

#### Label elements

##### Pictogram



**Signal word**

Danger

##### Hazard statements

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H351 Suspected of causing cancer.  
H360FD May damage fertility. May damage the unborn child.  
H410 Very toxic to aquatic life with long lasting effects.

## EPO-TEK 509EBT-M1 Part B

<b>Precautionary statements</b>	<p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	Specialty Aromatic Diamine, Cycloaliphatic Diamine, Cyclic Diamine, Cyclic Ethyleneamine

### 3. Composition/information on ingredients

#### Mixtures

<b>Specialty Aromatic Diamine</b> <span style="float: right;"><b>30-60%</b></span> CAS number: Proprietary
<b>Classification</b> Acute Tox. 4 - H302 Carc. 2 - H351 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
<b>Cycloaliphatic Diamine</b> <span style="float: right;"><b>30-60%</b></span> CAS number: Proprietary
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412
<b>Tertiary Amine</b> <span style="float: right;"><b>5-10%</b></span> CAS number: Proprietary
<b>Classification</b> Skin Irrit. 2 - H315
<b>Cyclic Diamine</b> <span style="float: right;"><b>1-5%</b></span> CAS number: Proprietary
<b>Classification</b> Skin Corr. 1B - H314 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Repr. 2 - H361fd

## EPO-TEK 509EBT-M1 Part B

<b>Cyclic Ethyleneamine</b>	<b>&lt;1%</b>
CAS number: Proprietary	
<b>Classification</b>	
Acute Tox. 3 - H311	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Repr. 1A - H360FD	
Aquatic Chronic 3 - H412	

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>	Irritation of nose, throat and airway. Vapors may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.
<b>Skin contact</b>	Allergic rash. May cause serious chemical burns to the skin.
<b>Eye contact</b>	Severe irritation, burning and tearing. Corneal damage.

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

<b>Notes for the doctor</b>	Treat symptomatically.
-----------------------------	------------------------

### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Dry chemicals. Foam. Carbon dioxide (CO <sub>2</sub> ).
-------------------------------------	--

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

<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.
--------------------------------------	---

#### Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapors.
---	---------------------------------------

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

### 6. Accidental release measures

## EPO-TEK 509EBT-M1 Part B

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

**Advice on general occupational hygiene** Provide eyewash station and safety shower. Do not eat, drink or smoke when using this product. Wash promptly with soap and water 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.

**Storage class** Chemical storage.

### 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

#### Tertiary Amine

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

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

ACGIH = American Conference of Governmental Industrial Hygienists.

### 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.

## EPO-TEK 509EBT-M1 Part B

<b>Hygiene measures</b>	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.
<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>	Liquid.
<b>Color</b>	Amber.
<b>Odor</b>	Mild.
<b>Flash point</b>	93°C
<b>Evaporation rate</b>	<BuAc
<b>Vapor density</b>	>1
<b>Solubility(ies)</b>	Soluble in water.
<b>Other information</b>	None.

### 10. Stability and reactivity

<b>Reactivity</b>	The following materials may react violently with the product: Strong oxidizing agents. Strong reducing agents.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidizing agents. Reducing agents.
<b>Materials to avoid</b>	Strong oxidizing agents. Strong reducing agents.
<b>Hazardous decomposition products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen.

### 11. Toxicological information

#### Information on toxicological effects

<b>Inhalation</b>	May cause sensitization by inhalation. Gas or vapor in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.
<b>Ingestion</b>	Harmful if swallowed. May cause chemical burns in mouth, esophagus and stomach. May cause stomach pain or vomiting.

## EPO-TEK 509EBT-M1 Part B

<b>Skin Contact</b>	Harmful in contact with skin. May cause serious chemical burns to the skin. May cause sensitization by skin contact.
<b>Eye contact</b>	Risk of serious damage to eyes. Causes burns.
<b>Acute and chronic health hazards</b>	Possible risk of adverse reproductive effects. Known or suspected carcinogen for humans.

### 12. Ecological Information

<b>Ecotoxicity</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b><u>Toxicity</u></b>	
<b>Toxicity</b>	Very toxic to aquatic organisms.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	No data available.
<b><u>Bioaccumulative potential</u></b>	
<b>Bio-Accumulative Potential</b>	No data available on bioaccumulation.
<b><u>Mobility in soil</u></b>	
<b>Mobility</b>	Semi-mobile.
<b><u>Other adverse effects</u></b>	
<b>Other adverse effects</b>	Not known.

### 13. Disposal considerations

#### Waste treatment methods

<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
-------------------------	---

### 14. Transport information

#### UN Number

<b>UN No. (DOT)</b>	2735
<b>UN No. (TDG)</b>	2735
<b>UN No. (IMDG)</b>	2735
<b>UN No. (ICAO)</b>	2735

#### UN proper shipping name

<b>Proper shipping name (DOT)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Cycloaliphatic Diamine, Specialty Aromatic Diamine)
<b>Proper shipping name (TDG)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Cycloaliphatic Diamine, Specialty Aromatic Diamine)
<b>Proper shipping name (IMDG)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Cycloaliphatic Diamine, Specialty Aromatic Diamine)
<b>Proper shipping name (ICAO)</b>	AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS Cycloaliphatic Diamine, Specialty Aromatic Diamine)

#### Transport hazard class(es)

<b>DOT hazard class</b>	8
-------------------------	---

**EPO-TEK 509EBT-M1 Part B**

<b>DOT hazard label</b>	Corrosive
<b>TDG class</b>	8
<b>TDG label</b>	8
<b>IMDG Class</b>	8
<b>ICAO class/division</b>	8

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

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

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

<b>EmS</b>	F-A, S-B
------------	----------

**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)**

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.



## EPO-TEK 509EBT-M1 Part B

### **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**

The following ingredients are listed:

**Cyclic Ethyleneamine**

**Cyclic Diamine**

**Tertiary Amine**

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

The following ingredients are listed:

**Tertiary Amine**

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

The following ingredients are listed:

**Tertiary Amine**

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

The following ingredients are listed:

**Cyclic Ethyleneamine**

**Cyclic Diamine**

**Tertiary Amine**

**Cycloaliphatic Diamine**

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

The following ingredients are listed:

**Cyclic Ethyleneamine**

**Cyclic Diamine**

**Tertiary Amine**

### **Inventories**

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

Some of the ingredients are listed or exempt.

## EPO-TEK 509EBT-M1 Part B

### 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

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

All the ingredients are listed or exempt.

## 16. Other information

<b>Revision date</b>	6/2/2016
<b>Revision</b>	1
<b>Hazard statements in full</b>	<p>H302 Harmful if swallowed.</p> <p>H311 Toxic in contact with skin.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H351 Suspected of causing cancer.</p> <p>H360FD May damage fertility. May damage the unborn child.</p> <p>H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful 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.