

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
Epoxy Technology

**Product Name:**  
EPO-TEK® OE138 Thixotropic High Temperature Epoxy, Heat Cure (4g)

**Manufacturer Part Number:**  
ETOE138-4G

▶ Click here for more details on the EPO-TEK® OE138 Thixotropic High Temperature Epoxy, Heat Cure (4g)

Revision date: 3/24/2017

Revision: 2

Supersedes date: 2/24/2015



## SAFETY DATA SHEET EPO-TEK OE138 Part B

### 1. Identification

#### Product identifier

Product name EPO-TEK OE138 Part B

Product number OE138/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 Repr. 1B - H360

Environmental hazards Not Classified

#### Label elements

##### Pictogram



Signal word Danger

##### Hazard statements

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H360 May damage fertility or the unborn child.

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## EPO-TEK OE138 Part B

**Precautionary statements** P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
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.  
P501 Dispose of contents/ container in accordance with national regulations.

**Contains** Substituted Imidazole Blend, Imidazole

### 3. Composition/information on ingredients

#### Mixtures

Substituted Imidazole Blend	60-100%
CAS number: Proprietary	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	
Imidazole	30-60%
CAS number: 288-32-4	
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Repr. 1B - H360	

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

**Inhalation** Move affected person to fresh air at once. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion** Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.

**Skin Contact** Remove affected person from source of contamination. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

**Eye contact** 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

**General information** May damage fertility or the unborn child.

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<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>	Harmful if swallowed. May cause stomach pain or vomiting. May cause chemical burns in mouth, esophagus and stomach.
<b>Skin contact</b>	Causes severe burns.
<b>Eye contact</b>	Causes serious eye damage. Severe irritation, burning and tearing.
<b>Indication of immediate medical attention and special treatment needed</b>	
<b>Notes for the doctor</b>	Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Dry chemicals. Foam. Water spray.

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

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

#### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or 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** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Avoid release to the environment.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Avoid contamination of ponds or watercourses with washing down water.

**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/spray and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene**

Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. 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.

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## EPO-TEK OE138 Part B

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at room temperature. Keep container tightly sealed when not in use.

**Storage class** Corrosive storage.

**Specific end uses(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 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** Wear protective gloves made of the following material: Nitrile rubber. Viton rubber (fluoro rubber). Polyvinylidene chloride/polyethylene (PVDC/PE).

**Other skin and body protection** Wear appropriate clothing to prevent skin contamination. Provide eyewash station.

**Hygiene measures** Wash 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 wet or contaminated.

**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** Amber.

**Odor** Mild.

**Flash point** > 93°C

**Evaporation rate** <BuAc

**Vapor density** >1

**Solubility(ies)** Slightly soluble in water.

**Other information** None.

### 10. Stability and reactivity

**Reactivity** The following materials may react violently with the product: Oxidizing materials. Acids. Alkalis. Strong reducing agents.

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

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## EPO-TEK OE138 Part B

Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

##### Reproductive toxicity

Reproductive toxicity - fertility Possible risk of adverse reproductive effects.

General information Avoid contact during pregnancy/while nursing.

Inhalation 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.

Ingestion Harmful if swallowed. May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

Skin Contact Causes severe burns.

Eye contact Causes serious eye damage. Severe irritation, burning and tearing.

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

### 12. Ecological Information

Acute toxicity - fish Not available.

#### Persistence and degradability

Persistence and degradability The product is moderately biodegradable.

#### Bioaccumulative potential

Bio-Accumulative Potential The product contains potentially bioaccumulating substances.

#### Mobility in soil

Mobility Semi-mobile.

#### 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.

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## EPO-TEK OE138 Part B

### 14. Transport information

**UN Number**

UN No. (TDG) 3267

UN No. (IMDG) 3267

UN No. (ICAO) 3267

UN No. (DOT) UN3267

**UN proper shipping name**

Proper shipping name (TDG) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole)

Proper shipping name (IMDG) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole)

Proper shipping name (ICAO) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole)

Proper shipping name (DOT) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole)

**Transport hazard class(es)**

DOT hazard class 8

DOT hazard label 8

TDG class 8

TDG label(s) 8

IMDG Class 8

ICAO class/division 8

**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  
No.

**Special precautions for user**

EmS F-A, S-B

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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.

**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**  
None of the ingredients are required to be listed.

**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.

**Pennsylvania "Right To Know" List**  
None of the ingredients are required to be listed.

#### Inventories

**EU - EINECS/ELINCS**  
All the ingredients are listed or exempt.

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### 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

All 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

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**Hazard statements in full**  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H360 May damage fertility or the unborn child.

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.

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