

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
Epoxy Technology

**Product Name:**  
EPO-TEK® 302 Fast Setting Epoxy, Room Temperature Cure (2.5g)

**Manufacturer Part Number:**  
ET302-2.5G

▶ Click here for more details on the EPO-TEK® 302 Fast Setting Epoxy, Room Temperature Cure (2.5g)

Revision date: 8/1/2017

Revision: 3

Supersedes date: 4/21/2016



## SAFETY DATA SHEET EPO-TEK® 302 Part B

### 1. Identification

#### Product identifier

**Product name** EPO-TEK® 302 Part B  
**Product number** 302/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 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Muta. 1B - H340 Repr. 1B - H360 STOT SE 3 - H335 STOT RE 2 - H373  
**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.  
H335 May cause respiratory irritation.  
H340 May cause genetic defects.  
H360 May damage fertility or the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H410 Very toxic to aquatic life with long lasting effects.

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**Precautionary statements**

P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P284 [In case of inadequate ventilation] wear respiratory 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.  
P310 Immediately call a poison center/ doctor.  
P501 Dispose of contents/ container in accordance with national regulations.

**Contains**

4-Nonyl phenol, Amine Compound

### 3. Composition/information on ingredients

#### Mixtures

4-Nonyl phenol CAS number: 84852-16-3	60-100%
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1B - H314 Repr. 2 - H361fd Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
Amine Compound CAS number: Proprietary	10-30%
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1C - H314 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412	

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

### 4. First-aid measures

#### Description of first aid measures

**Inhalation** Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.

**Skin Contact** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

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**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. Get medical attention immediately. Continue to rinse.

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

**General information** Contains a substance which may cause genetic defects. Contains a substance/a group of substances which may damage fertility and the unborn child.

**Inhalation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

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

**Skin contact** Causes severe burns. May cause sensitisation by skin contact.

**Eye contact** Causes serious eye damage.

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

**Notes for the doctor** Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Dry chemicals. Foam. Water spray.

### Special hazards arising from the substance or mixture

**Specific hazards** Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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

### Advice for firefighters

**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** Avoid or minimize the creation of any environmental contamination.

### 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. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

**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.

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**Advice on general occupational hygiene** Provide eyewash station and safety shower. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. 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** 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 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** Provide eyewash station and safety shower. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin 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** Liquid.

**Color** Clear liquid.

**Odor** Mild.

**Flash point** >95°C

**Vapor density** >1

**Other information** None.

## 10. Stability and reactivity

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<b>Reactivity</b>	The following materials may react violently with the product: Acids. Strong oxidizing agents. Strong reducing agents. Strong alkalis.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
<b>Materials to avoid</b>	Strong acids. Strong alkalis. 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.

### 11. Toxicological information

#### Information on toxicological effects

<b>General information</b>	Contains a substance which may cause genetic defects. Contains a substance/a group of substances which may damage fertility and the unborn child.
<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	Harmful if swallowed. May cause burns in mucous membranes, throat, esophagus and stomach.
<b>Skin Contact</b>	Causes burns. Harmful in contact with skin.
<b>Eye contact</b>	Causes burns. Risk of serious damage to eyes. A single exposure may cause the following adverse effects: Corneal damage.

### 12. Ecological Information

<b>Ecoxicity</b>	The product contains a substance which is very toxic to aquatic organisms.
<b>Acute toxicity - fish</b>	Not available.
<b>Persistence and degradability</b>	
<b>Persistence and degradability</b>	The product is moderately biodegradable.
<b>Bioaccumulative potential</b>	
<b>Bio-Accumulative Potential</b>	The product is not bioaccumulating.
<b>Mobility in soil</b>	
<b>Mobility</b>	Mobile.
<b>Other adverse effects</b>	
<b>Other adverse effects</b>	Not known.

### 13. Disposal considerations

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### 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) 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. (4-Nonyl phenol)

Proper shipping name (IMDG) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (4-Nonyl phenol)

Proper shipping name (ICAO) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (4-Nonyl phenol)

Proper shipping name (DOT) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (4-Nonyl phenol)

#### 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

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## EPO-TEK® 302 Part B

Environmentally Hazardous Substance



### Special precautions for user

EmS 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

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**  
None of the ingredients are listed.

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**  
None of the ingredients are listed.

**SARA 313 Emission Reporting**  
None of the ingredients are listed.

**CAA Accidental Release Prevention**  
None of the ingredients are listed.

#### US State Regulations

**California Proposition 65 Carcinogens and Reproductive Toxins**  
None of the ingredients are listed.

**California Air Toxics "Hot Spots" (A-I)**  
None of the ingredients are listed.

**California Air Toxics "Hot Spots" (A-II)**  
None of the ingredients are listed.

**Massachusetts "Right To Know" List**  
The following ingredients are listed:  
*4-Nonyl phenol*

**Rhode Island "Right To Know" List**  
None of the ingredients are listed.  
*4-Nonyl phenol*

**Minnesota "Right To Know" List**  
None of the ingredients are listed.

**New Jersey "Right To Know" List**  
None of the ingredients are listed.

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Pennsylvania "Right To Know" List  
The following ingredients are listed:  
*4-Nonyl phenol*

### Inventories

EU - EINECS/ELINCS

Some of the ingredients are listed or exempt.

Canada - DSL/NDSL

Some of the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

Some of the ingredients are listed or exempt.

Australia - AICS

Some of the ingredients are listed or exempt.

Japan - MITI

Some of 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.

### 16. Other information

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Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. 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. H335 May cause respiratory irritation. H340 May cause genetic defects. H360 May damage fertility or the unborn child. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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