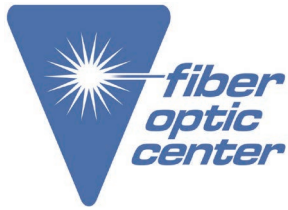


# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
Epoxy Technology

**Product Name:**  
EPO-TEK® OD2002 Thermally Conductive & Electrically Insulating High Tg Epoxy,  
Heat Cure (4g)

**Manufacturer Part Number:**  
OD2002-4G

▶ Click here for more details on the EPO-TEK® OD2002 Thermally Conductive & Electrically Insulating High Tg Epoxy, Heat Cure (4g)

Revision date: 7/20/2021

Supersedes date: 10/30/2020



## SAFETY DATA SHEET EPO-TEK® OD2002 Part A

### 1. Identification

#### Product identifier

Product name EPO-TEK® OD2002 Part A

Product number OD2002/A

#### Recommended use of the chemical and restrictions on use

Application Adhesive.

Uses advised against Use only for intended applications.

#### 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 ChemTel: +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 Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

#### Label elements

##### Hazard symbols



Signal word Warning

Hazard statements  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

1/9

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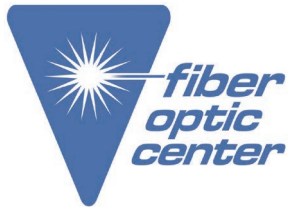
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## EPO-TEK® OD2002 Part A

**Precautionary statements** P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with national regulations.

**Contains** Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac

### Other hazards

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

### 3. Composition/information on ingredients

#### Mixtures

|                                                                                                                         |         |
|-------------------------------------------------------------------------------------------------------------------------|---------|
| Bisphenol A Diglycidyl Ether Resin<br>CAS number: 1675-54-3                                                             | 60-100% |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317<br>Aquatic Chronic 2 - H411 |         |
| Epoxy Phenol Novolac<br>CAS number: 28064-14-4                                                                          | 30-60%  |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317<br>Aquatic Chronic 2 - H411 |         |

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. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention. Show this Safety Data Sheet to the medical personnel. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**Ingestion** Get medical attention immediately. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Do not induce vomiting.

**Skin Contact** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

2/9

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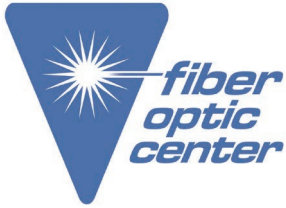
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# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
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**Product Name:**  
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**Manufacturer Part Number:**  
OD2002-4G

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Revision date: 7/20/2021

Supersedes date: 10/30/2020

## EPO-TEK® OD2002 Part A

|                                                                               |                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                     | May cause discomfort if swallowed.                                                                                                                                                                               |
| Skin contact                                                                  | Causes skin irritation. May cause an allergic skin reaction. May cause sensitisation by skin contact.                                                                                                            |
| Eye contact                                                                   | Causes serious eye irritation.                                                                                                                                                                                   |
| <b>Indication of immediate medical attention and special treatment needed</b> |                                                                                                                                                                                                                  |
| Notes for the doctor                                                          | Treat symptomatically.                                                                                                                                                                                           |

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Dry chemicals. Foam. Carbon dioxide (CO2).

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

**Hazardous combustion products** When heated, vapors/gases hazardous to health may be formed.

#### 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** 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** No smoking, sparks, flames or other sources of ignition near spillage. Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

**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.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash promptly if skin becomes contaminated. Wash contaminated clothing before reuse.

#### 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.

3/9

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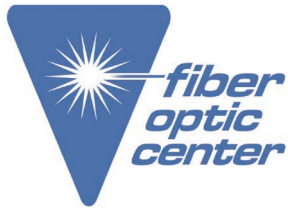
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# SAFETY DATA SHEET (SDS)



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**Product Name:**  
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Heat Cure (4g)

**Manufacturer Part Number:**  
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Revision date: 7/20/2021

Supersedes date: 10/30/2020

## EPO-TEK® OD2002 Part A

### 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** It is recommended that chemical-resistant, impervious gloves are worn. Nitrile rubber. Neoprene. Butyl rubber.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures** Provide eyewash station.

**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                                        | Yellowish.                           |
| Odor                                         | Slight.                              |
| Odor threshold                               | No specific test data are available. |
| pH                                           | No specific test data are available. |
| Melting point                                | No specific test data are available. |
| Initial boiling point and range              | No specific test data are available. |
| Flash point                                  | > 93°C                               |
| Evaporation rate                             | < BuAc                               |
| Evaporation factor                           | No specific test data are available. |
| Flammability (solid, gas)                    | No specific test data are available. |
| Upper/lower flammability or explosive limits | No specific test data are available. |
| Vapor pressure                               | No specific test data are available. |
| Vapor density                                | > 1                                  |
| Relative density                             | No specific test data are available. |
| Solubility(ies)                              | No specific test data are available. |
| Partition coefficient                        | No specific test data are available. |
| Auto-ignition temperature                    | No specific test data are available. |
| Decomposition Temperature                    | No specific test data are available. |

4/9

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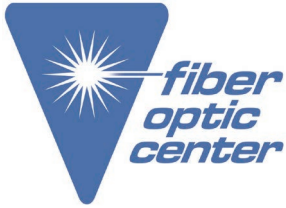
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Revision date: 7/20/2021

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## EPO-TEK® OD2002 Part A

Viscosity No specific test data are available.

Other information None.

### 10. Stability and reactivity

Reactivity The following materials may react with the product: Strong oxidizing agents.

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

Possibility of hazardous reactions Will not polymerize.

Conditions to avoid Avoid heat, flames and other sources of ignition.

Materials to avoid Strong oxidizing agents.

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 11. Toxicological information

#### Information on toxicological effects

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 May cause discomfort if swallowed.

Skin Contact Causes skin irritation. May cause an allergic skin reaction. May cause sensitisation by skin contact.

Eye contact Causes serious eye irritation.

#### Toxicological information on ingredients.

##### Bisphenol A Diglycidyl Ether Resin

#### Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

NTP carcinogenicity Reasonably anticipated to be a human carcinogen.

OSHA Carcinogenicity Not listed.

### 12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

#### Acute aquatic toxicity

Acute toxicity - fish Not available.

#### Persistence and degradability

Persistence and degradability The product is potentially degradable.

#### Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

5/9

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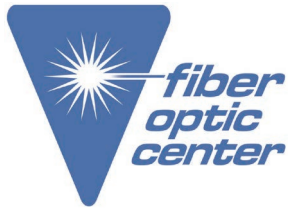
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## EPO-TEK® OD2002 Part A

Partition coefficient No specific test data are available.

### 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.

## 14. Transport information

### UN Number

UN No. (TDG) 3082  
UN No. (IMDG) 3082  
UN No. (ICAO) 3082  
UN No. (DOT) UN3082

### UN proper shipping name

Proper shipping name (TDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac)  
Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac)  
Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac)  
Proper shipping name (DOT) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Resin, Epoxy Phenol Novolac)

### Transport hazard class(es)

DOT hazard class 9  
DOT hazard label 9  
TDG class 9  
TDG label(s) 9  
IMDG Class 9  
ICAO class/division 9

### Transport labels



### DOT transport labels



6/9

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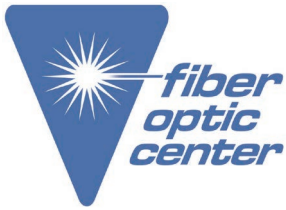
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## EPO-TEK® OD2002 Part A

### Packing group

|                    |     |
|--------------------|-----|
| TDG Packing Group  | III |
| IMDG packing group | III |
| ICAO packing group | III |
| DOT packing group  | III |

### Environmental hazards

Environmentally Hazardous Substance



### Special precautions for user

EmS F-A, S-F

Transport in bulk according to Not applicable.  
Annex II of MARPOL 73/78  
and the IBC Code

### 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.

**Additional Regulatory References** Proprietäre Informationen gemäß den WTO-Übereinkommen über handelsbezogene Aspekte des geistigen Eigentum Rechte (TRIPS), Abschnitt 7, Art geschützt. 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)  
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.

OSHA Highly Hazardous Chemicals  
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.

7/9

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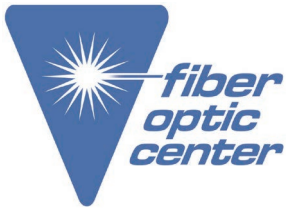
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## EPO-TEK® OD2002 Part A

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

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

Rhode Island "Right To Know" List  
None of the ingredients are listed.

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

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

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

### 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 - ENCS  
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

|                           |                                                                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision date             | 7/20/2021                                                                                                                                                                 |
| Supersedes date           | 10/30/2020                                                                                                                                                                |
| Hazard statements in full | H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H411 Toxic to aquatic life with long lasting effects. |

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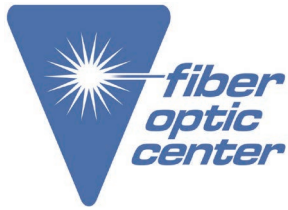
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EPO-TEK® OD2002 Part A

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

9/9

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