

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
Epoxy Technology

**Product Name:**  
EPO-TEK® 305 Spectrally Transparent Flexible Epoxy, Room Temperature Cure (4g)

**Manufacturer Part Number:**  
ET305-4G

▶ [Click here for more details on the EPO-TEK® 305 Spectrally Transparent Flexible Epoxy, Room Temperature Cure \(4g\)](#)

Revision date: 10/9/2019

Revision: 2

Supersedes date: 9/5/2014



## SAFETY DATA SHEET EPO-TEK® 305 Part A

### 1. Identification

#### Product identifier

**Product name** EPO-TEK® 305 Part A  
**Product number** 305/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](http://www.epotek.com), [SDS@epotek.com](mailto: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

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.  
**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319  
**Environmental hazards** Not Classified

#### Label elements

##### Hazard symbols



**Signal word** Warning

**Hazard statements** H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**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.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

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## EPO-TEK® 305 Part A

### 3. Composition/information on ingredients

#### Mixtures

Substituted Glycidyl Ether Resin	60-100%
CAS number: Proprietary	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

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

**Ingredient notes** The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR 1910.1200. The exact identity is withheld as a trade secret in accordance with 29 CFR 1910.1200.

### 4. First-aid measures

#### Description of first aid measures

**Inhalation** Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion** 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.

**Skin Contact** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists 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

**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.

**Eye contact** May cause severe eye irritation.

#### 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

**Hazardous combustion products** Oxides of carbon. 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.

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## EPO-TEK® 305 Part A

**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 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. 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 contaminated skin thoroughly after handling. 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.

### 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.

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

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## EPO-TEK® 305 Part A

**Hygiene measures** Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly 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	Liquid.
Color	Clear liquid.
Odor	Mild.
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	118°C
Evaporation rate	< BuAc
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.
Bulk density	«59» «184» «109012»
Solubility(ies)	Slightly soluble in water.
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.
Viscosity	No specific test data are available.
Other information	None.

### 10. Stability and reactivity

Reactivity	The following materials may react with the product: Acids. Strong alkalis. Strong oxidizing agents. Strong reducing agents.
Stability	Stable at normal ambient temperatures and when used as recommended.
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.

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## EPO-TEK® 305 Part A

**Materials to avoid** Strong acids. Strong alkalis. Strong oxidizing agents. Strong reducing agents.

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

### 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** Irritating to skin.

**Eye contact** Causes serious eye irritation.

### 12. Ecological information

#### Acute aquatic toxicity

**Acute toxicity - fish** No information available.

#### Persistence and degradability

**Persistence and degradability** The product is moderately biodegradable.

#### Bioaccumulative potential

**Bio-Accumulative Potential** The product contains potentially bioaccumulating substances.

**Partition coefficient** No specific test data are available.

#### Mobility in soil

**Mobility** 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

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

#### UN Number

**UN No. (International)** Not applicable.

**UN No. (DOT)** Not applicable.

#### UN proper shipping name

**Proper shipping name (International)** Not applicable.

**Proper shipping name (DOT)** Not applicable.

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## EPO-TEK® 305 Part A

### Transport hazard class(es)

**Transport Labels (International)** No transport warning sign required.

**DOT transport labels**  
No transport warning sign required.

### Packing group

**Packing group (International)** Not applicable.

**DOT packing group** Not applicable.

### Environmental hazards

**Environmentally Hazardous Substance**  
No.

### Special precautions for user

Not applicable.

**DOT reportable quantity** Not applicable.

**DOT TIH Zone** Not applicable.

**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)**  
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.

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## EPO-TEK® 305 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**  
None of the ingredients are listed.

**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 - ENCS**  
None of the ingredients are listed.

**Korea - KECI**  
All the ingredients are listed or exempt.

**China - IECSC**  
All the ingredients are listed or exempt.

**Philippines - PICCS**  
None of the ingredients are listed.

### 16. Other information

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Hazard statements in full	H315 Causes skin irritation. H319 Causes serious eye irritation.

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EPO-TEK® 305 Part A

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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