

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
Epoxy Technology

**Product Name:**  
EPO-TEK® 353NDT Thixotropic High Temperature Black Epoxy, Heat Cure (2.5g)

**Manufacturer Part Number:**  
ET353NDTBLK-2.5G

▶ [Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Black Epoxy, Heat Cure \(2.5g\)](#)

Revision date: 6/8/2020

Revision: 3

Supersedes date: 11/21/2016



## SAFETY DATA SHEET EPO-TEK® 353ND-T Black Part B

### 1. Identification

#### Product identifier

**Product name** EPO-TEK® 353ND-T Black Part B  
**Product number** 353ND-T Black/B

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

**Application** Adhesive.  
**Uses advised against** Restricted to professional users. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.

#### 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

**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H302 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Repr. 1B - H360D  
**Environmental hazards** Not Classified

#### Label elements

##### Hazard symbols



**Signal word** Danger

**Hazard statements** H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H360D May damage the unborn child.

Data is subject to change without notice.

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## EPO-TEK® 353ND-T Black 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	

#### Classification

Acute Tox. 4 - H302  
Skin Irrit. 2 - H315  
Eye Dam. 1 - H318

Imidazole	30-60%
CAS number: 288-32-4	

#### Classification

Acute Tox. 4 - H302  
Skin Corr. 1C - H314  
Eye Dam. 1 - H318  
Repr. 1B - H360D

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

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Skin Contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<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 promptly if symptoms occur after washing.

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

**General information** Contains a substance/a group of substances which may damage the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.

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## EPO-TEK® 353ND-T Black Part B

Inhalation	Gas or vapor in high concentrations may irritate the respiratory system.
Ingestion	Harmful if swallowed. May cause chemical burns in mouth, esophagus and stomach. May cause nausea, headache, dizziness and intoxication. May cause stomach pain or vomiting.
Skin contact	Causes severe burns.
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** Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>).

#### 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. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

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

#### Environmental precautions

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

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. 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** Restricted to professional users. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. 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** 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 if skin becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.

#### Conditions for safe storage, including any incompatibilities

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## EPO-TEK® 353ND-T Black Part B

**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.

### 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.

**Personal protection** Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Restricted to professional users.

**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** 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**

<b>Appearance</b>	Liquid.
<b>Color</b>	Amber.
<b>Odor</b>	Slight.
<b>Odor threshold</b>	No specific test data are available.
<b>pH</b>	No specific test data are available.
<b>Melting point</b>	No specific test data are available.
<b>Initial boiling point and range</b>	No specific test data are available.
<b>Flash point</b>	> 93°C
<b>Evaporation rate</b>	<BuAc
<b>Flammability (solid, gas)</b>	No specific test data are available.
<b>Upper/lower flammability or explosive limits</b>	No specific test data are available.
<b>Vapor pressure</b>	No specific test data are available.

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## EPO-TEK® 353ND-T Black Part B

Vapor density	>1
Relative density	No specific test data are available.
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	Not known.

### 10. Stability and reactivity

Reactivity	The following materials may react with the product: 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.
Materials to avoid	Strong oxidizing agents. Strong reducing 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

##### Acute toxicity - oral

ATE oral (mg/kg) 500.24

**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, esophagus and stomach. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

**Skin Contact** Causes severe burns.

**Eye contact** Causes serious eye damage.

**Acute and chronic health hazards** May damage the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.

### 12. Ecological information

#### Acute aquatic toxicity

Acute toxicity - fish Not available.

#### Persistence and degradability

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**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** 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)** 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



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## EPO-TEK® 353ND-T Black Part B

### 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

IMDG Code segregation group	18. Alkalis
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

**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.

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**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.

**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**  
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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## EPO-TEK® 353ND-T Black Part B

**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.
- H360D May damage 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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