

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, 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.

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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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

Inhalation	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.
Ingestion	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.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	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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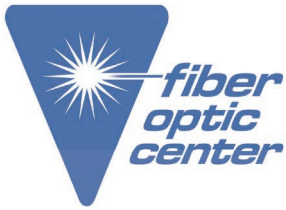
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Inhalation Gas or vapor in high concentrations may irritate the respiratory system.

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 (CO2).

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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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

Appearance Liquid.

Color Amber.

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

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.

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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

Contact the professionals at Fiber Optic Center for a quote or to get more details.

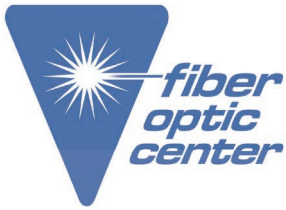
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Persistence and degradability	The product is moderately biodegradable.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	The product contains potentially bioaccumulating substances.
Partition coefficient	No specific test data are available.
<u>Mobility in soil</u>	
Mobility	Semi-mobile.
<u>Other adverse effects</u>	
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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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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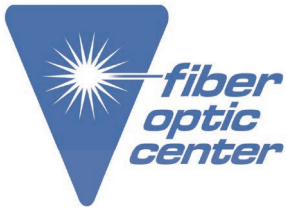
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DOT transport labels



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/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
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.
H360D May damage the unborn child.

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