

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)



EPO-TEK® 353NDP PART B

Safety Data Sheet

A Meridian Adhesives Group Company

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 3/13/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : EPO-TEK® 353NDP PART B

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Adhesives
Restrictions on use : Not to be used for any purpose other than the one the product was designed for

1.4. Supplier's details

Epoxy Technology, Inc.
14 Fortune Drive
Billerica, MA 01821
USA
T 978-667-3805 - F 978-663-9782
www.epotek.com

1.5. Emergency phone number

Emergency number : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Skin corrosion/irritation, Category 1B	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Reproductive toxicity, Category 1B	H360	May damage fertility or the unborn child.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H351 - Suspected of causing cancer.
H360 - May damage fertility or the unborn child
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.

Precautionary statements (GHS US) :

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

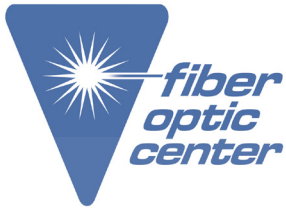
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P260 - Do not breathe dusts or mists.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
P302+P352 - If on skin: Wash with plenty of water.
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.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P310 - Immediately call a poison center or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P363 - Take off immediately all contaminated clothing and wash it before reuse.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Substituted imidazole*	CAS-No.: Trade Secret	30 – 60	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317
Imidazole	CAS-No.: 288-32-4	≥ 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360

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

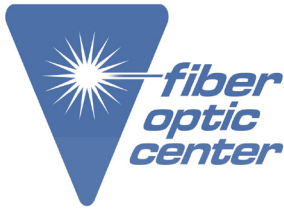
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS US classification
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]-	CAS-No.: 1760-24-3	10 – 30	Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Substituted imidazole*	CAS-No.: Trade Secret	5 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Eye Dam. 1, H318 Carc. 2, H351
Substituted imidazole*	CAS-No.: Trade Secret	< 5	Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Substituted anhydride*	CAS-No.: Trade Secret	< 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret
Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. Burns.
Chronic symptoms	: May damage fertility or the unborn child.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.

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

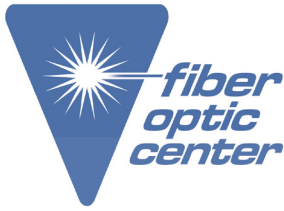
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.
Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Store locked up.
Packaging materials : Store always product in container of same material as original container.

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

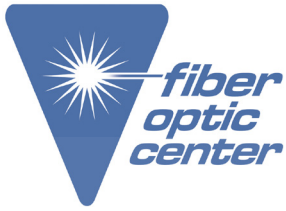
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Color	: Mixture contains one or more component(s) which have the following color(s): Colourless to light yellow Colourless to yellow Yellow White to yellow
Odor	: There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odor: Ammonia odour Amine-like odour Mild odour
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available

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

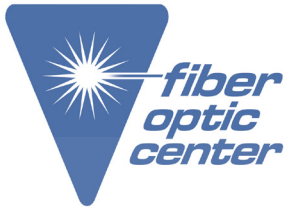
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Decomposition temperature : No data available
Viscosity, kinematic : No data available
Explosion limits : No data available
Particle characteristics : No data available

Substituted anhydride

Particle characteristics : No data available

Substituted imidazole

Particle characteristics : No data available

Substituted imidazole

Particle characteristics : No data available

Imidazole

Particle characteristics : No data available

Substituted imidazole

Particle characteristics : No data available

1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]-

Particle characteristics : No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

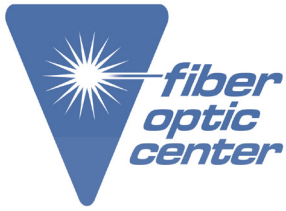
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

EPO-TEK® 353NDP PART B	
ATE US (oral)	532.29 mg/kg body weight
Substituted anhydride	
LD50 oral rat	≈ 1144 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rabbit	400 – 640 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	400 mg/kg body weight
Substituted imidazole	
LD50 oral rat	350 mg/kg Source: IUCLID
LD50 oral	173 mg/kg
LD50 dermal rabbit	440 mg/kg Source: IUCLID
ATE US (oral)	173 mg/kg body weight
ATE US (dermal)	440 mg/kg body weight
Substituted imidazole	
LD50 oral rat	731 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 400 mg/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	> 0.03 mg/l (Equivalent or similar to OECD 403, 8 h, Rat, Male / female, Experimental value, (maximum achievable concentration), Inhalation (vapours))
ATE US (oral)	731 mg/kg body weight
Imidazole (288-32-4)	
LD50 oral rat	970 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral, 7 day(s))
LD50 oral	960 mg/kg
ATE US (oral)	960 mg/kg body weight
Substituted imidazole	
ATE US (oral)	100 mg/kg body weight
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
LD50 oral rat	2295 mg/kg body weight (EPA OPPTS 870.1100: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight (EPA OPPTS 870.1200: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))

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

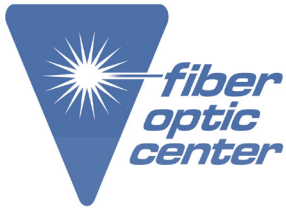
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ [Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure \(4g\)](#)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
LC50 Inhalation - Rat	1.49 – 2.44 mg/l air (EPA OPPTS 870.1300: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
ATE US (oral)	2295 mg/kg body weight
ATE US (vapors)	1.49 mg/l/4h
ATE US (dust, mist)	1.49 mg/l/4h
Skin corrosion/irritation	: Causes severe skin burns.
Substituted anhydride	
pH	11.3 (10 %)
Substituted imidazole	
pH	10.6 (10 %)
Substituted imidazole	
pH	10.9 (21 %)
Imidazole (288-32-4)	
pH	10.5 (7 %)
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
pH	10.2 (1 %)
Serious eye damage/irritation	: Causes serious eye damage.
Substituted anhydride	
pH	11.3 (10 %)
Substituted imidazole	
pH	10.6 (10 %)
Substituted imidazole	
pH	10.9 (21 %)
Imidazole (288-32-4)	
pH	10.5 (7 %)
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
pH	10.2 (1 %)
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Substituted imidazole	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: Not classified

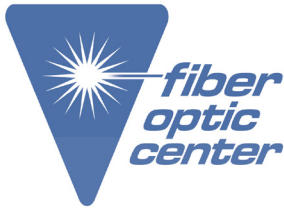
Contact the professionals at Fiber Optic Center for a quote or to get more details.

23 Centre Street • New Bedford, MA 02740 USA • focenter.com
508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ [Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure \(4g\)](#)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Substituted imidazole	
STOT-single exposure	May cause respiratory irritation.
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Substituted anhydride	
NOAEL (oral,rat,90 days)	90 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
Substituted imidazole	
NOAEL (oral,rat,90 days)	150 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:EPA OPPTS 870.3650 (Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test)
Imidazole (288-32-4)	
NOAEL (oral,rat,90 days)	60 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
NOAEL (oral,rat,90 days)	≥ 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (dermal,rat/rabbit,90 days)	≥ 1545 mg/kg body weight Animal: rat
Aspiration hazard	: Not classified
EPO-TEK® 353NDP PART B	
Viscosity, kinematic	No data available
Substituted anhydride	
Viscosity, kinematic	No data available
Substituted imidazole	
Viscosity, kinematic	No data available
Substituted imidazole	
Viscosity, kinematic	1435.897 mm ² /s
Imidazole (288-32-4)	
Viscosity, kinematic	No data available in the literature
Substituted imidazole	
Viscosity, kinematic	No data available
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
Viscosity, kinematic	3.1 mm ² /s (20 °C, Calculated)
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. Burns.
Chronic symptoms	: May damage fertility or the unborn child.

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

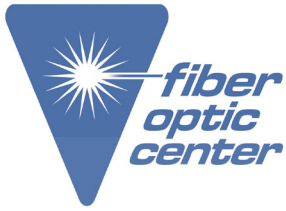
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Substituted anhydride

LC50 - Fish [1]	100 – 215 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	267.94 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	180 mg/l (Algae)
EC50 96h - Algae [1]	12.637 mg/l Source: Ecological Structure Activity Relationships

Substituted imidazole

LC50 - Fish [1]	0.34 mg/l Source: IUCLID
EC50 - Crustacea [1]	180 mg/l Source: IUCLID
EC50 72h - Algae [1]	2 mg/l Source: IUCLID

Substituted imidazole

LC50 - Fish [1]	68.1 mg/l (DIN 38412-15, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	297.3 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
EC50 72h - Algae [1]	124.8 mg/l (DIN 38412-9, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Growth rate)
EC50 72h - Algae [2]	72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 96h - Algae [1]	6.057 mg/l Source: Ecological Structure Activity Relationships

Imidazole (288-32-4)

LC50 - Fish [1]	283.6 mg/l (48 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	341.5 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
EC50 72h - Algae [1]	133 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	133 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
NOEC chronic algae	25 mg/l

1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)

LC50 - Fish [1]	597 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	81 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

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

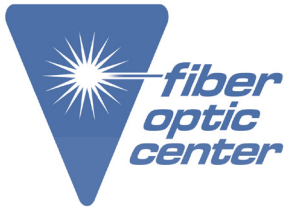
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
EC50 72h - Algae [1]	126 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	352 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	8.8 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)

12.2. Persistence and degradability

EPO-TEK® 353NDP PART B	
Persistence and degradability	Not rapidly degradable
Substituted anhydride	
Persistence and degradability	Not readily biodegradable in water.
Substituted imidazole	
Persistence and degradability	Inherently biodegradable.
Biochemical oxygen demand (BOD)	0.000002 g O ₂ /g substance
Chemical oxygen demand (COD)	0.0015 g O ₂ /g substance
Substituted imidazole	
Persistence and degradability	Readily biodegradable in water.
Imidazole (288-32-4)	
Persistence and degradability	Readily biodegradable in the soil, Readily biodegradable in water.
Substituted imidazole	
Persistence and degradability	Not rapidly degradable
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
Persistence and degradability	Not readily biodegradable in water.

12.3. Bioaccumulative potential

Substituted anhydride	
Partition coefficient n-octanol/water (Log Pow)	-0.06 Source: ChemIDplus
Substituted imidazole	
Partition coefficient n-octanol/water (Log Pow)	0.35 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Substituted imidazole	
Partition coefficient n-octanol/water (Log Pow)	1.13 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Imidazole (288-32-4)	
Partition coefficient n-octanol/water (Log Pow)	-0.02 (Weight of evidence approach, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)

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

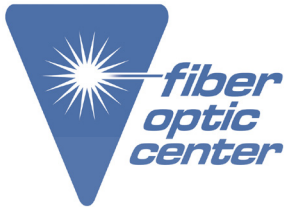
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Imidazole (288-32-4)	
Bioaccumulative potential	Not bioaccumulative.
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
Partition coefficient n-octanol/water (Log Pow)	-0.3 (QSAR, 20 °C)
Bioaccumulative potential	Not bioaccumulative.
12.4. Mobility in soil	
Substituted anhydride	
Mobility in soil	15.75 Source: Quantitative Structure Activity Relation
Substituted imidazole	
Mobility in soil	28.23 Source: EPI SUITE
Ecology - soil	No (test)data on mobility of the substance available.
Substituted imidazole	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.71 (log Koc, Calculated value, pH = 7)
Ecology - soil	Low potential for mobility in soil.
Imidazole (288-32-4)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.36 – 2.32 (log Koc, Calculated value)
Ecology - soil	Low potential for adsorption in soil.
1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)	
Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.5 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil.
12.5. Other adverse effects	
Ozone	: Not classified
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

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

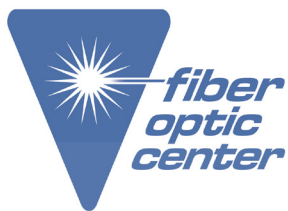
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ [Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure \(4g\)](#)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT	TDG	IMDG	IATA
14.1. UN number			
UN3267	UN3267	3267	3267
14.2. Proper Shipping Name			
Corrosive liquid, basic, organic, n.o.s. (Imidazole)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole)	Corrosive liquid, basic, organic, n.o.s. (Imidazole)
14.3. Transport hazard class(es)			
8	8	8	8
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
UN-No. (DOT) : UN3267
DOT Special Provisions (49 CFR 172.102) : B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T11 - 6 178.274(d)(2) Normal..... 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.
TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L

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

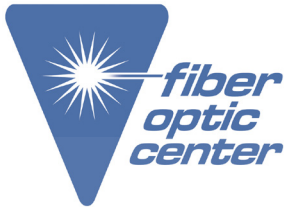
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters"; 52 - Stow "separated from" acids
TDG	
UN-No. (TDG)	: UN3267
TDG Special Provisions	: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.
Explosive Limit and Limited Quantity Index	: 1 L
Excepted quantities (TDG)	: E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 1 L
Emergency Response Guide (ERG) Number	: 153
IMDG	
Special provision (IMDG)	: 274
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T11
Tank special provisions (IMDG)	: TP2, TP27
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	: B
Stowage and handling (IMDG)	: SW2
Segregation (IMDG)	: SGG18, SG35
Properties and observations (IMDG)	: Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.
IATA	
Special provision (IATA)	: A3, A803
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y840
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
ERG code (IATA)	: 8L

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

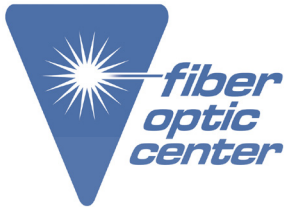
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

Substituted anhydride

Listed on the Canadian DSL (Domestic Substances List)

Substituted imidazole

Listed on the Canadian NDSL (Non-Domestic Substances List)

Substituted imidazole

Listed on the Canadian DSL (Domestic Substances List)

Imidazole (288-32-4)

Listed on the Canadian DSL (Domestic Substances List)

Substituted imidazole

Listed on the Canadian DSL (Domestic Substances List)

1,2-Ethanediamine, N1-[3-(trimethoxysilyl)propyl]- (1760-24-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Substituted anhydride

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Substituted imidazole

Listed on IARC (International Agency for Research on Cancer)

Imidazole (288-32-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

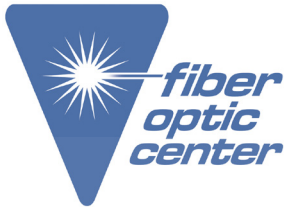
23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.

SAFETY DATA SHEET (SDS)



Manufacturer:
Epoxy Technology

Product Name:
EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant,
Low Outgassing, Heat Cure (4g)

Manufacturer Part Number:
ET353NDP-4G

▶ Click here for more details on the EPO-TEK® 353NDP High Temperature Epoxy, Humidity Resistant, Low Outgassing, Heat Cure (4g)

EPO-TEK® 353NDP PART B

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.3. State regulations



WARNING:

This product can expose you to Substituted imidazole, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date : 3/13/2025

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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

23 Centre Street • New Bedford, MA 02740 USA • focenter.com

508-992-6464 | (800) 473-4237 • sales@focenter.com



Data is subject to change without notice.
FOC last update 6/11/2026.