

Manufacturer: Epoxy Technology

Product Name:

EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

**Manufacturer Part Number:** 

ET353NDT-3CC

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

#### LEPOXY EPO-TEK® 353ND-T PART B Safety Data Sheet • TECHNOLOGY according to Federal Register / Vol. 77, No. 58 / Monday, March 20, 2012 / Rules and Regulations Issue date: 9/21/2022 Revision date: 3/22/2023 Supersedes: 9/21/2022 Version: 2.0 A Meridian Adhesives Group Company **SECTION 1: Identification** 1.1. Identification Product form Mixture Product name EPO-TEK® 353ND-T PART B 1.2. Recommended use and restrictions on use Use of the substance/mixture Adhesives Recommended use Adhesives Restrictions on use Not to be used for any purpose other than the one the product was designed for 1.3. Supplier Epoxy Technology, Inc. 14 Fortune Drive Billerica, MA 01821 USA T 978-667-3805 - F 978-663-9782 www.epotek.com 1.4. Emergency telephone number Emergency number : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585 SECTION 2: Hazard(s) 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. GHS Label elements, including precautionary statements **GHS US labeling** Hazard pictograms (GHS US) Signal word (GHS US) Dange Hazard statements (GHS US) H302 - Harmful if swallowed H314 - Causes severe skin burns and eye damage H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H351 - Suspected of causing cancer H360 - May damage fertility or the unborn child Precautionary statements (GHS US) P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

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P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.	
P261 - 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.	
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/attention.	
P363 - Wash contaminated clothing before reuse.	
P405 - Store locked up.	
P501 - Dispose of contents/container to hazardous or special waste collection point, in	
accordance with local, regional, national and/or international regulation.	

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Harmful dust may be released during cutting, milling or grinding process.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients
3.1. Substances

Not applicable

3.2. Mixtures

J.E. MIACO CO				
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	≥ 30	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360	
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	

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: Components not listed are either non-hazardous or are below reportable limits.

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Name	Product identifier	%	GHS US classification
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

Comments

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of 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	<ol> <li>Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.</li> </ol>
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 and ef	fects (acute and delayed)
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	: Burns.
4.3. Immediate medical attention and	special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	g media
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the chem	nical
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Special protective equipment and prec	autions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measu	res
6.1. Personal precautions, protective equip	oment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene. Do not

breathe dust/fume/gas/mist/vapors/spray.

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#### 6.1.2. 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".

: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

Learn More

6.2. Environmental precautions

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

6.3.	Methods	and	material	for	containment	and	cleaning u	ID

Methods for cleaning up

Other information

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage	ge
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	<ul> <li>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.</li> <li>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.</li> </ul>
7.2. Conditions for safe storage, inc	luding any incompatibilities
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool.

: Dispose of materials or solid residues at an authorized site.

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/Personal protective equipment		
Hand protection:		
Wear suitable gloves resistant to chemical penetration. Neoprene or nitrile rubber gloves. Butyl-rubber protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Refer to manufacturer's information. Gloves must be replaced after each use and whenever signs of wear or perforation appear		
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**SECTION 9: Physical and chemical properties** 

Physical state	: Liquid
Color	: amber
Odor	: slight
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
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: 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
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

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Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reac	ivity
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 react	ions
No dangerous reactions known under norm	al conditions of use.
10.4. Conditions to avoid	

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

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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.

11.1. Information on toxicological ef	ffects
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Harmful if swallowed. : Not classified : Not classified
EPO-TEK® 353ND-T PART B	
ATE US (oral)	490.339 mg/kg body weight
Substituted imidazole	
ATE US (oral)	100 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))
ATE US (oral)	960 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 Derma 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 dermal rabbit	440 mg/kg Source: IUCLID
ATE US (oral)	173 mg/kg body weight
ATE US (dermal)	440 mg/kg body weight
kin corrosion/irritation	: Causes severe skin burns.

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Calculating Calculation       Subjective for calcularity Calculation         Substituted imidazole       2B - Possibly carcinogenic to humans         Reproductive toxicity       : May damage fertility or the unborn child.         STOT-single exposure       : Not classified         Substituted imidazole		Not classified Suspected of causing cancer.
IARC group       2B - Possibly carcinogenic to humans         Reproductive toxicity       : May damage fertility or the unborn child.         STOT-single exposure       : Not classified         Substituted imidazole		
Reproductive toxicity       May damage fertility or the unborn child.         STOT-single exposure       Not classified         Substituted imidazole       STOT-single exposure         STOT-single exposure       May cause respiratory irritation.         STOT-single exposure       Not classified         Substituted imidazole       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)       60 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)         Substituted anhydride       90 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)         Substituted anhydride       90 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)         Aspiration hazard       Not classified         Viscosity, kinematic       No data available         Symptoms/effects after skin contact       Burns. May cause an allergic skin reaction.         Symptoms/effects after eve contact       Serious damage to eyes.		2R - Possibly carcinopenic to humans
STOT-single exposure       : Not classified         Substituted imidazole       StoT-single exposure         STOT-single exposure       May cause respiratory irritation.         STOT-repeated exposure       : Not classified         Substituted imidazole       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)       60 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)         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 anhydride       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)         Aspiration hazard       : Not classified       :         Viscosity, kinematic       : Not classified       :         Symptoms/effects after skin contact       : Burns. May cause an allergic skin reaction.       :         Symptoms/effects after skie contact       : Serious damage to eyes.       <		
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Oral Toxicity in Rodents)           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)           Aspiration hazard         : Not classified           Viscosity, kinematic         : No data available           Symptoms/effects after skin contact         : Burns. May cause an allergic skin reaction.           Symptoms/effects after eye contact         : Serious damage to eyes.	Imidazole (288-32-4)	
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)         Aspiration hazard       : Not classified         Viscosity, kinematic       : Not data available         Symptoms/effects after skin contact       : Burns. May cause an allergic skin reaction.         Symptoms/effects after eye contact       : Serious damage to eyes.	NOAEL (oral,rat,90 days)	
Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)           Aspiration hazard         : Not classified           Viscosity, kinematic         : No data available           Symptoms/effects after skin contact         : Burns. May cause an allergic skin reaction.           Symptoms/effects after eye contact         : Serious damage to eyes.	Substituted anhydride	
Viscosity, kinematic     No data available       Symptoms/effects after skin contact     Burns. May cause an allergic skin reaction.       Symptoms/effects after eye contact     Serious damage to eyes.	NOAEL (oral,rat,90 days)	Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in
Symptoms/effects after skin contact     : Burns. May cause an allergic skin reaction.       Symptoms/effects after eye contact     : Serious damage to eyes.	Aspiration hazard :	Not classified
Symptoms/effects after eye contact : Serious damage to eyes.	Viscosity, kinematic :	No data available
	Symptoms/effects after skin contact :	Burns. May cause an allergic skin reaction.
Symptoms/effects after ingestion : Burns.		Serious damage to eyes.
	Symptoms/effects after ingestion :	Burns.

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general :	Before neutralisation, the product may represent a danger to aquatic organisms.
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)
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)
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

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# > Learn More



Manufacturer: Epoxy Technology

**Product Name:** 

EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

Manufacturer Part Number:

ET353NDT-3CC

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

#### EPO-TEK® 353ND-T PART B

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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	
Substituted imidazole		
LC50 - Fish [1]	0.34 mg/l Source: IUCLID	
EC50 - Crustacea [1]	180 mg/l Source: IUCLID	
12.2. Persistence and degradability		
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 anhydride		
Persistence and degradability	Not readily biodegradable in water.	
Substituted imidazole		
Persistence and degradability	Inherently biodegradable.	
Biochemical oxygen demand (BOD)	0.000002 g O <sub>2</sub> /g substance	
Chemical oxygen demand (COD)	0.0015 g O <sub>2</sub> /g substance	
12.3. Bioaccumulative potential		
Substituted imidazole		
Partition coefficient n-octanol/water (Log Pow)	1.13 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 $^{\circ}\text{C}$ )	
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)	
Bioaccumulative potential	Not bioaccumulative.	
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).	
12.4. Mobility in soil		
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.	

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Manufacturer: Epoxy Technology

**Product Name:** EPO-TEK® 353NDT Thixotropic High

EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

Manufacturer Part Number:

ET353NDT-3CC

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

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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.
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.
12.5. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1. Disposal methods	
Waste treatment methods :	Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
In accordance with DOT / TDG / IMDG / IATA	
14.1. UN number	
UN-No. (TDG)	UN3267 UN3267

UN-No. (IMDG) : 3267 UN-No. (IATA) : 3267 14.2. UN proper shipping name Proper Shipping Name (DOT) : Corrosive liquid, basic, organic, n.o.s. Proper Shipping Name (TDG) CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Imidazole) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) : Corrosive liquid, basic, organic, n.o.s. (Imidazole) 14.3. Transport hazard class(es) DOT Transport hazard class(es) (DOT) : 8 Hazard labels (DOT) : 8 TDG : 8 Transport hazard class(es) (TDG) : 8 Hazard labels (TDG)

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Manufacturer: Epoxy Technology

**Product Name:** EPO-TEK® 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

Manufacturer Part Number:

ET353NDT-3CC

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

#### **EPO-TEK® 353ND-T PART B**

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	8
IMDG	
Transport hazard class(es) (IMDG) Hazard labels (IMDG)	
IATA Transport hazard class(es) (IATA) Hazard labels (IATA)	: 8 : 8
14.4. Packing group	•
Packing group (DOT) Packing group (TDG) Packing group (IMDG) Packing group (IATA)	: III : III : III : III
14.5. Environmental hazards	
Other information	: No supplementary information available.
14.6. Special precautions for user	
DOT UN-No.(DOT) DOT Special Provisions (49 CFR 172.102) DOT Packaging Exceptions (49 CFR 173.xxx) DOT Packaging Non Bulk (49 CFR 173.xxx)	<ul> <li>UN3267</li> <li>IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HD2, 31HD2 and 31HH2). 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, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).</li> <li>T7 - 4 178.274(d)(2) Normal</li></ul>
DOI Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49	: 241
CFR 175.75) DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

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Manufacturer: Epoxy Technology

Product Name:

EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

**Manufacturer Part Number:** 

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#### EPO-TEK® 353ND-T PART B Safety Data Sheet

DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters",52 - Stow "separated from" acids
	- IIN3257
UN-No. (TDG) TDG Special Provisions	<ul> <li>UN3267</li> <li>16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards 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) of Part 3 (Documentation). 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) of Part 4 (Dangerous Goods Safety Marks).</li> <li>(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:</li> <li>(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;</li> <li>(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;</li> <li>(c) UN3248, MEDICINE, LIQUID, TOXIC, N.O.S.</li> <li>(d) UN3248, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(a) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment and the disclosure of the technical name:</li> <li>(a) UN1844, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;</li> <li>(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.</li> <li>(c) UN3248, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(d) UN3248, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.</li> <li>(f) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:</li> </ul>
	(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.
Explosive Limit and Limited Quantity Index	: 5L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger	: 5L
Carrying Railway Vehicle Index Emergency Response Guide (ERG) Number	: 153
IMDG Special provision (IMDG)	: 223, 274
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: 17
Tank special provisions (IMDG)	: TP1, TP28
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.
IATA	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 856
CAO max net quantity (IATA)	: 60L
Special provision (IATA)	: A3, A803
ERG code (IATA)	: 8L

Not applicable

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**Manufacturer: Epoxy Technology** 

**Product Name:** EPO-TEK® 353NDT Thixotropic High Temperature Epoxy - Pre-Mixed and Frozen (3cc Syringe)

**Manufacturer Part Number:** 

ET353NDT-3CC

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#### EPO-TEK® 353ND-T PART B

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SECTION 15: Regu	ulatory information
15.1. US Federal reg	ulations
All components of this p (TSCA) inventory	roduct are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act
15.2. International re	gulations
CANADA	
Substituted imidazo	le
Listed on the Canadian	DSL (Domestic Substances List)
Substituted imidazo	le
Listed on the Canadian	DSL (Domestic Substances List)
Imidazole (288-32-4)	
Listed on the Canadian	DSL (Domestic Substances List)
Substituted anhydri	de
Listed on the Canadian	DSL (Domestic Substances List)
Substituted imidazo	le
Listed on the Canadian	NDSL (Non-Domestic Substances List)
EU-Regulations	
No additional information	available
National regulations	
Imidazole (288-32-4)	
Listed on INSQ (Mexica	n National Inventory of Chemical Substances)
Substituted anhydri	de
Listed on INSQ (Mexica	n National Inventory of Chemical Substances)
Substituted imidazo	le
Listed on IARC (Internal	tional Agency for Research on Cancer)
15.3. US State regula	ations
M 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: Othe	r information

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

: 03/22/2023

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Full text of H-phrases	
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
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.

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