

Manufacturer:

Epoxy Technology

**Product Name:** EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy, Heat Cure (4g)

Manufacturer Part Number: ET353NDT-4G

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy, Heat Cure (4g)

| OFFICE      OFFICE     OFFIC | Safety Data Sheet<br>according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations<br>Issue date: 9/21/2022 Revision date: 3/22/2023 Supersedes: 9/21/2022 Version: 2.0   |
|---|--|
| SECTION 1: Identification   |  |
| 1.1. Identification   |  |
| Product form<br>Product name  | : Mixture<br>: EPO-TEK® 353ND-T PART A   |
| 1.2. Recommended use and rest   | rictions on use  |
| Use of the substance/mixture<br>Recommended use<br>Restrictions on use  | : Adhesives<br>: Adhesives<br>: Not to be used for any purpose other than the one the product was designed for   |
| 1.3. Supplier   |  |
| Epoxy Technology, Inc.<br>14 Fortune Drive<br>Billerica, MA 01821<br>USA<br>T 978-667-3805 - F 978-663-9782<br><u>www.epotek.com</u>  |  |
|   |  |
|   |  |
|   | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585  |
| Emergency number<br>SECTION 2: Hazard(s) identifi   | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585  |
| Emergency number<br>SECTION 2: Hazard(s) identifi<br>2.1. Classification of the substan   | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585  |
| 1.4. Emergency telephone number Emergency number      SECTION 2: Hazard(s) identifi      2.1. Classification of the substan GHS US classification Skin corrosion/initation Category 2 Skin sensitization, Category 1 Specific target organ toxicity (single exp Hazardous to the aquatic environment - Full text of H statements : see section 1  | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585<br>ication<br>Ice or mixture<br>H315 Causes skin irritation<br>H317 May cause an allergic skin reaction<br>H370 Causes damage to organs<br>- Chronic Hazard Category 2 H411 Toxic to aquatic life with long lasting effects      |
| Emergency number<br>SECTION 2: Hazard(s) identifi<br>2.1. Classification of the substan<br>GHS US classification<br>Skin corrosion/irritation Category 2<br>Skin sensitization, Category 1<br>Specific target organ toxicity (single exp<br>Hazardous to the aquatic environment –<br>Full text of H statements : see section 1   | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585<br>ication<br>Ice or mixture<br>H315 Causes skin irritation<br>H317 May cause an allergic skin reaction<br>H370 Causes damage to organs<br>- Chronic Hazard Category 2 H411 Toxic to aquatic life with long lasting effects<br>6 |
| Emergency number<br>SECTION 2: Hazard(s) identifi<br>2.1. Classification of the substan<br>GHS US classification<br>Skin corrosion/irritation Category 2<br>Skin sensitization, Category 1<br>Specific target organ toxicity (single exp<br>Hazardous to the aquatic environment –<br>Full text of H statements : see section 1<br>2.2. GHS Label elements, includi   | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585<br>ication<br>Ice or mixture<br>H315 Causes skin irritation<br>H317 May cause an allergic skin reaction<br>H370 Causes damage to organs<br>- Chronic Hazard Category 2 H411 Toxic to aquatic life with long lasting effects<br>6 |
| Emergency number<br>SECTION 2: Hazard(s) identifi<br>2.1. Classification of the substan<br>GHS US classification<br>Skin corrosion/irritation Category 2<br>Skin sensitization, Category 1<br>Specific target organ toxicity (single exp<br>Hazardous to the aquatic environment -  | : VelocityEHS: +1 (800) 255-3924, +1 (813) 248-0585<br>ication<br>Ice or mixture<br>H315 Causes skin irritation<br>H317 May cause an allergic skin reaction<br>H370 Causes damage to organs<br>- Chronic Hazard Category 2 H411 Toxic to aquatic life with long lasting effects<br>6 |
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| P302+P352 - If on skin: Wash with plenty of water.         P307+P311 - If exposed: Call a poison center/doctor.         P321 - Specific treatment (see supplemental first aid instruction on this label).         P332+P313 - If skin irritation occurs: Get medical advice/attention.         P332+P313 - If skin irritation or rash occurs: Get medical advice/attention.         P362+P364 - Take off contaminated clothing and wash it before reuse.         P363 - Wash contaminated clothing before reuse.         P391 - Collect spillage. |
|---|
|   |
|   |
| 2   |
| P391 - Collect spillage.  |
| P405 - Store locked up.   |
| P501 - Dispose of contents/container to hazardous or special waste collection point, in<br>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              |                          |        |  |
|----------------------------|--------------------------|--------|--|
| Name                       | Product identifier       | %      | GHS US classification  |
| Epoxy phenol novolac resin | CAS-No.: 9003-36-5       | ≥ 60   | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411   |
| Polar activator*           | CAS-No.: Trade<br>Secret | < 0.60 | Flam. Liq. 2, H225<br>Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation), H331<br>STOT SE 1, H370 |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Comments : Components not listed are either non-hazardous or are below reportable limits. 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                                   | : IF exposed or concerned: Get medical advice/attention.  |  |
| First-aid measures after inhalation                          | : Remove person to fresh air and keep comfortable for breathing.  |  |
| First-aid measures after skin contact                        | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs:<br>Get medical advice/attention. |  |
| First-aid measures after eye contact                         | : Rinse eyes with water as a precaution.  |  |
| First-aid measures after ingestion                           | : Call a poison center/doctor/physician if you feel unwell.   |  |
| 4.2. Most important symptoms and effects (acute and delayed) |   |  |
| Symptoms/effects after skin contact                          | : Irritation. May cause an allergic skin reaction.  |  |
|  |   |  |

Learn More

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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 pred       | cautions for fire-fighters  |
| Protection during firefighting                   | : Do not attempt to take action without suitable protective equipment. Self-contained breathing<br>apparatus. Complete protective clothing.                 |
| SECTION 6: Accidental release measu              | res   |
| 6.1. Personal precautions, protective equip      | pment and emergency procedures  |
| 6.1.1. For non-emergency personnel               |   |
| Emergency procedures                             | : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin<br>and eyes.   |
| 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". |
| 6.2. Environmental precautions                   |   |
| Avoid release to the environment.                |   |
| 6.3. Methods and material for containment        | and cleaning up   |
| For containment                                  | : Collect spillage.   |
| Methods for cleaning up<br>Other information     | <ul> <li>Take up liquid spill into absorbent material.</li> <li>Dispose of materials or solid residues at an authorized site.</li> </ul>                    |
| 6.4. Reference to other sections                 |   |
| 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. Do not breathe dust/fume/gas/mist/vapors/spray.<br>Avoid contact with skin and eyes. Wear personal protective equipment.  |
| Hygiene measures                        | : Wash contaminated clothing before reuse. Contaminated work clothing should not be allower<br>out of the workplace. Do not eat, drink or smoke when using this product. Always wash hand<br>after handling the product. |
| 7.2. Conditions for safe storage, inclu | uding any incompatibilities  |
| Storage conditions                      | : Store locked up. Store in a well-ventilated place. Keep cool.  |
| to change without notice.               |  |

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| SECTION 8: Exposure controls/personal protection   |   |  |
|--|---|--|
| 8.1. Control parameters  |   |  |
| No additional information available  |   |  |
| 8.2. Appropriate engineering controls  |   |  |
| Appropriate engineering controls<br>Environmental exposure controls  | : Ensure good ventilation of the work station.<br>: Avoid release to the environment. |  |
| 8.3. Individual protection measures/Perse  | onal 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 |   |  |
| Eye protection:  |   |  |
| Safety glasses   |   |  |
| Skin and body protection:  |   |  |
| Wear suitable protective clothing  |   |  |
| Respiratory protection:  |   |  |
| In case of insufficient ventilation, wear suitable respiratory equipment   |   |  |
| Personal protective equipment symbol(s):   |   |  |



| SECTION 9. Physical and chemical   | SECTION 9: Physical and chemical properties   |  |
|--|---|--|
| 9.1. Information on basic physical and c   | hemical properties  |  |
| Physical state<br>Color<br>Odor<br>Odor threshold<br>pH<br>Melting point<br>Freezing point<br>Boiling point<br>Flash point<br>Relative evaporation rate (butyl acetate=1)<br>Flammability<br>Vapor pressure<br>Relative vapor density at 20°C<br>Relative density<br>Solubility<br>Partition coefficient n-octanol/water (Log Pow)<br>Auto-ignition temperature<br>Decomposition temperature | Eliquid     Etan     Mild odor     No data available     No d |  |

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| Viscosity, dynamic   | 1 | No data available |
|----------------------|---|-------------------|
| Explosion limits     | 1 | No data available |
| Explosive properties | 1 | No data available |
| Oxidizing properties | 1 | No data available |
|                      |   |                   |

9.2. Other information

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.

| 1.1. Information on toxicological ef   | lects  |
|--|--|
| cute toxicity (oral)<br>cute toxicity (dermal)<br>cute toxicity (inhalation) | : Not classified<br>: Not classified<br>: Not classified   |
| Polar activator  |  |
| D50 oral rat   | 1187 – 2769 mg/kg body weight (BASF test, Rat, Male / female, Experimental value, Aqueous<br>solution, Oral, 7 day(s)) |
| D50 dermal rabbit  | 300 mg/kg Source: ECHA   |
| .C50 Inhalation - Rat  | 128 mg/l air (BASF test, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours))                            |
| ATE US (oral)  | 100 mg/kg body weight  |
| ATE US (dermal)  | 300 mg/kg body weight  |
| ATE US (gases)   | 700 ppmV/4h  |
| ATE US (vapors)  | 3 mg/l/4h  |
| ATE US (dust, mist)  | 0.5 mg/l/4h  |
| kin corrosion/irritation   | : Causes skin irritation.  |

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|---|---|
| Germ cell mutagenicity                              | : Not classified  |
| Carcinogenicity                                     | : Not classified  |
| Reproductive toxicity                               | : Not classified  |
| Polar activator                                     |   |
| NOAEL (animal/male, F0/P)                           | < 1000 mg/kg body weight Animal: mouse, Animal sex: male  |
| STOT-single exposure                                | : Causes damage to organs.  |
| Polar activator                                     |   |
| STOT-single exposure                                | Causes damage to organs.  |
| STOT-repeated exposure                              | : Not classified  |
| Epoxy phenol novolac resin (9003-3                  | 6-5)  |
| NOAEL (oral,rat,90 days)                            | ≈ 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day<br>Oral Toxicity in Rodents) |
| Aspiration hazard                                   | : Not classified  |
| Viscosity, kinematic                                | : No data available   |
| Symptoms/effects after skin contact                 | : Irritation. May cause an allergic skin reaction.  |

| SECTION 12: Ecological information   | on   |  |
|--|--|--|
| 12.1. Toxicity   |  |  |
| Ecology - general  | : Toxic to aquatic life with long lasting effects.   |  |
| Epoxy phenol novolac resin (9003-36-   | 5)   |  |
| LC50 - Fish [1]  | 1.9 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Semi-static system,<br>Fresh water, Weight of evidence)                              |  |
| EC50 - Crustacea [1]   | 3.5 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Weight of evidence, GLP)                         |  |
| LC50 - Fish [2]  | 1000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   |  |
| LOEC (chronic) 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |  |  |
| NOEC (chronic)   | 0.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |  |
| Polar activator  |  |  |
| LC50 - Fish [1]  | 15400 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh<br>water, Experimental value, Lethal)                                  |  |
| EC50 - Crustacea [1]   | 18260 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semi-<br>static system, Fresh water, Experimental value, Locomotor effect) |  |
| NOEC (chronic)   | 208 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |  |
| 12.2. Persistence and degradability  |  |  |
| Epoxy phenol novolac resin (9003-36-   | 5)   |  |
| Persistence and degradability  | Not readily biodegradable in water.  |  |
| Polar activator  |  |  |
| Persistence and degradability  | Readily biodegradable in the soil. Readily biodegradable in water.   |  |
| Biochemical oxygen demand (BOD)  | 0.6 – 1.12 g O <sub>2</sub> /g substance   |  |
| Chemical oxygen demand (COD)   | 1.42 g O <sub>2</sub> /g substance   |  |

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| Polar activator   |  |  |  |
|---|--|--|--|
| ThOD  | 1.5 g O <sub>2</sub> /g substance  |  |  |
| 12.3. Bioaccumulative potential                               |  |  |  |
| Epoxy phenol novolac resin (9003-36-5)                        |  |  |  |
| Partition coefficient n-octanol/water (Log Pow)               | 2.7 – 3.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)   |  |  |
| Bioaccumulative potential                                     | Low potential for bioaccumulation (Log Kow < 4).   |  |  |
| Polar activator   |  |  |  |
| BCF - Fish [1]  | 1 – 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value)  |  |  |
| Partition coefficient n-octanol/water (Log Pow)               | -0.77 (Experimental value)   |  |  |
| Bioaccumulative potential                                     | Low potential for bioaccumulation (BCF < 500).   |  |  |
| 12.4. Mobility in soil  |  |  |  |
| Epoxy phenol novolac resin (9003-36-5)                        |  |  |  |
| Organic Carbon Normalized Adsorption Coefficient<br>(Log Koc) | 3.65 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on<br>Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |  |  |
| Ecology - soil  | Low potential for mobility in soil.  |  |  |
| Polar activator   |  |  |  |
| Mobility in soil  | 2.75 Source: HSDB  |  |  |
| Surface tension   | No data available in the literature  |  |  |
| Organic Carbon Normalized Adsorption Coefficient<br>(Log Koc) | -0.89 – -0.21 (log Koc, Calculated value)  |  |  |
| Ecology - soil  | Highly mobile in soil.   |  |  |
| 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                    |  |  |  |

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

| DOT NA No     | : UN3082 |
|---------------|----------|
| UN-No. (TDG)  | : UN3082 |
| UN-No. (IMDG) | : 3082   |
| UN-No. (IATA) | : 3082   |
|               |          |

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| 14.2. UN proper shipping name  |   |
|--|---|
| Proper Shipping Name (DOT)<br>Proper Shipping Name (TDG)<br>Proper Shipping Name (IMDG)<br>Proper Shipping Name (IATA) | <ul> <li>Environmentally hazardous substances, liquid, n.o.s.</li> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</li> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Phenol Novolac)</li> <li>Environmentally hazardous substance, liquid, n.o.s. (Epoxy Phenol Novolac)</li> </ul> |
| 14.3. Transport hazard class(es)   |   |
| DOT<br>Transport hazard class(es) (DOT)<br>Hazard labels (DOT)   |   |
| TDG<br>Transport hazard class(es) (TDG)<br>Hazard labels (TDG)   |   |
| IMDG<br>Transport hazard class(es) (IMDG)<br>Hazard labels (IMDG)  |   |
| IATA<br>Transport hazard class(es) (IATA)<br>Hazard labels (IATA)  |   |
| 14.4. Packing group  |   |
| Packing group (DOT)<br>Packing group (TDG)<br>Packing group (IMDG)<br>Packing group (IATA)                             | : III<br>: III<br>: III<br>: III  |
| 14.5. Environmental hazards  |   |
| Dangerous for the environment<br>Marine pollutant  | : Yes<br>: Yes  |
| ange without notice.   | $\checkmark$  |

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| 14.6. Special precautions for user   |  |
|--|--|
| DOT<br>UN-No.(DOT)<br>DOT Special Provisions (49 CFR 172.102)  | <ul> <li>UN3082</li> <li>8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.</li> <li>146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.</li> <li>173 - An appropriate generic entry may be used for this material.</li> <li>335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transpunit must be leak-proof when used as bulk packaging.</li> <li>IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31H21 and 31HA2, 31HB2, 31HD2 and 31HH2). Additional Requirement: Only liquid with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 5 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).</li> <li>T4 - 2.65 178.274(d)(2) Normal</li></ul> |
|  |  |
| DOT Packaging Exceptions (49 CFR 173.xxx)<br>DOT Packaging Non Bulk (49 CFR 173.xxx)<br>DOT Packaging Bulk (49 CFR 173.xxx)<br>DOT Quantity Limitations Passenger aircraft/rail (49<br>CFR 173.27) | : 155<br>: 203<br>: 241<br>: No Limit  |

TDG UN-No. (TDG)

: UN3082

Data is subject to change without notice.

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Manufacturer:

Epoxy Technology

**Product Name:** EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy, Heat Cure (4g)

Manufacturer Part Number: ET353NDT-4G

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy, Heat Cure (4g)

## **EPO-TEK® 353ND-T PART A**

#### Safety Data Sheet

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

| TDG Special Provisions  | : 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).             |
|   | (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 fo        |
|   | 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, 99 - (1) Mixtures of solids that             |
|   | are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY                    |
|   | HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS                           |
|   | SUBSTANCE, LIQUID, N.O.S, may be handled, offered for transport or transported as UN3077          |
|   | there is no visible liquid when the dangerous goods are loaded into a means containment and       |
|   | during transport.   |
|   | (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General      |
|   | Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering |
|   | for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS            |
|   | SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY                            |
|   | HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The                   |
|   | dangerous goods must be contained in one or more small means of containment designed,             |
|   | constructed, filled, closed, secured and maintained so that under normal conditions of transport, |
|   | including handling, there will be no accidental release of the dangerous goods that could         |
|   | endanger public safety.   |
| Explosive Limit and Limited Quantity Index                                      | : 5L  |
| Excepted quantities (TDG)   | : E1  |
| Emergency Response Guide (ERG) Number   | : 171   |
| IMDG<br>Special provision (IMDG)  | : 274, 335, 969   |
| Limited quantities (IMDG)   | : 5L  |
| Excepted quantities (IMDG)  | : 5L<br>: E1  |
| Packing instructions (IMDG)   | : LP01, P001  |
|   | : PP1   |
| Packing provisions (IMDG)<br>IBC packing instructions (IMDG)                    | : PP1<br>: IBC03  |
|   | : IBC03<br>: T4   |
| Tank instructions (IMDG)  |   |
| Tank special provisions (IMDG)  |   |
| EmS-No. (Fire)  | : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE  |
| EmS-No. (Spillage)<br>Stowage category (IMDG)                                   | : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS                               |
| Stowage category (IMDG)   | : A   |
| IATA<br>PCA Excepted quantities (IATA)  | : E1  |
| PCA Limited quantities (IATA)   | : Y964  |
| PCA limited quantity max net quantity (IATA)                                    | : 1904<br>: 30kaG   |
| PCA limited quantity max net quantity (IATA)<br>PCA packing instructions (IATA) | : Jukgo<br>: 964  |
| PCA packing instructions (IATA)<br>PCA max net quantity (IATA)                  | : 964<br>: 450L   |
| CAO packing instructions (IATA)   | : 964   |
| CAC packing instructions (IATA)   |   |
| CAO max net quantity (IATA)   | : 450L  |

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Manufacturer: Epoxy Technology

Product Name:

EPO-TEK<sup>®</sup> 353NDT Thixotropic High Temperature Epoxy, Heat Cure (4g)

Manufacturer Part Number: ET353NDT-4G

Click here for more details on the EPO-TEK® 353NDT Thixotropic High Temperature Epoxy, Heat Cure (4g)

## EPO-TEK® 353ND-T PART A

#### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Special provision (IATA) : A97, A158, A197, A215 ERG code (IATA) : 9L 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable SECTION 15: Regulatory information 15.1. US 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 Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. Polar activator CAS-No. 67-56-1 < 0.60% Polar activator Listed on EPA Hazardous Air Pollutant (HAPS) CERCLA RQ 5000 lb 15.2. International regulations CANADA Epoxy phenol novolac resin (9003-36-5) Listed on the Canadian DSL (Domestic Substances List) Polar activator Listed on the Canadian DSL (Domestic Substances List) EU-Regulations No additional information available National regulations Epoxy phenol novolac resin (9003-36-5) Listed on INSQ (Mexican National Inventory of Chemical Substances) Polar activator Listed on INSQ (Mexican National Inventory of Chemical Substances) 15.3. US State regulations This product can expose you to Polar activator, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Component State or local regulations Polar activator() U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List

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# **EPO-TEK® 353ND-T PART A**

#### Safety Data Sheet

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#### SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date : 03/22/2023

### Full text of H-phrases

| Full text of H-phrases |   |
|------------------------|---|
| H225                   | Highly flammable liquid and vapor               |
| H301                   | Toxic if swallowed                              |
| H311                   | Toxic in contact with skin                      |
| H315                   | Causes skin irritation                          |
| H317                   | May cause an allergic skin reaction             |
| H331                   | Toxic if inhaled                                |
| H370                   | Causes damage to organs                         |
| H411                   | Toxic to aquatic life with long lasting effects |

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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