

## Safety Data Sheet (Complies with OSHA HCS)

### Section 1: Identification

<b>Product identifier</b>	DX-3300 Series Part A Coating and Lining (All Colors)
<b>Other means of identification</b>	DX-3300
<b>Recommended use</b>	Not available
<b>Recommended restrictions</b>	None known
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company Name:</b>	Dynestic Technologies, Inc. 15230 Surveyor Blvd., Addison, TX 75001 Phone: 972-692-0962
<b>After hours telephone number</b>	Phone: 972-692-0962
<b>Website</b>	www.dynestic.com
<b>Email</b>	sphillips@dynestic.com
<b>Emergency 24 hour telephone</b>	CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887
<b>Operation hours information</b>	7:00 a.m. to 7:00 p.m.

### Section 2: Hazard(s) Identification

<b>Physical hazards</b>		Not classified
<b>Health hazards</b>	<b>Skin corrosion/irritation</b>	Category 2
	<b>Serious eye damage/eye irritation</b>	Category 2
	<b>Sensitization, skin</b>	Category 1
	<b>Germ cell mutagenicity</b>	Category 2
	<b>Carcinogenicity</b>	Category 2
<b>Environmental hazards</b>		Not classified
<b>OSHA defined hazards</b>		Not classified
<b>Label elements</b>		



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing genetic defects. Suspected of causing cancer.
<b>Precautionary statement</b>	<b>Prevention</b> Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
<b>Response</b>	IF ON SKIN: Wash with plenty of soap and water. Specific treatment see Section 4 of this SDS. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF exposed or concerned: Get medical advice/attention.

**Storage** Store locked up**Hazard(s) not otherwise classified (HNOC)**

None known

**Supplemental information**

None

**Section 3: Composition/Information on Ingredients****Mixtures**

<b>Chemical name/Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
PHENOL-FORMALDEHYDE POLYMERGLYCIDYL ETHER	28064-14-4	25-35
BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN	25068-38-6	15-25
QUARTZ	14808-60-7	5-15
1,3-DIGLYCIDYLOXYBENZENE	101-90-6	1-10
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM	64742-95-6	<1 1-
METHOXYPROPAN-2-OL	107-98-2	< 0.3
Other components below reportable levels		30 - < 40

**Section 4: First Aid Measures****Inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention, if needed. Call a physician if symptoms develop or persist. Get medical attention if symptoms occur.

**Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. For minor skin contact, avoid spreading material on unaffected skin. Take off contaminated clothing and wash before reuse.

**Eye contact**

Immediately flush eyes with plenty of water for at least 15 minutes. Rinse cautiously with water for several minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion**

Rinse mouth thoroughly. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately .

**Most important symptoms/effects, acute and delayed**

Not available

**Indication of immediate medical attention and special treatment needed**

In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information**

Take off contaminated clothing and shoes immediately. IF exposed or concerned: Get medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

## Section 5: Fire-Fighting Measures

**Suitable extinguishing media**

Water fog. Foam. Dry chemical powder. Alcohol foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Not available

**Specific hazards arising from the chemical**

Fire may produce irritating, corrosive and/or toxic gases.

**Special protective equipment and precautions for firefighters**

Wear suitable protective equipment. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

**Fire fighting equipment/instructions**

Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers. Water runoff can cause environmental damage.

**Specific methods**

In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep upwind. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Avoid skin contact and inhalation of vapors during disposal of spills.

**Methods and materials for containment and cleaning up**

Extinguish all flames in the vicinity.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Collect spillage. Following product recovery, flush area with water. Prevent product from entering drains. Do not allow material to contaminate ground water system.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

## Section 7: Handling and Storage

**Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid contact with eyes. Use personal protective equipment as required. Do not use in areas without adequate ventilation. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment.

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

CAUTION Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a closed container away from incompatible materials. Keep away from food, drink and animal

feedingstuffs. Keep out of the reach of children. Use care in handling/storage. Store in accordance with local/regional/national/international regulation.

## Section 8: Exposure Controls/Personal Protection

### Occupational exposure limits

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.3 mg/m <sup>3</sup>	Total dust
		0.1 mg/m <sup>3</sup>	Respirable
		2.4 mppcf	Respirable

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
1-METHOXYPROPAN-2-OL (CAS 107-98-2)	STEL	100 ppm	
	TWA	50 ppm	
QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m <sup>3</sup>	Respirable

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
1-METHOXYPROPAN-2-OL (CAS 107-98-2)	STEL	540 mg/m <sup>3</sup>	
		150 ppm	
	TWA	360 mg/m <sup>3</sup>	
		100 ppm	

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.05 mg/m <sup>3</sup>	Respirable Dust

**Biological limit values** No biological exposure limits noted for the ingredient(s).

#### Exposure guidelines

##### US - California OELs: Skin designation

1-METHOXYPROPAN-2-OL (CAS 107-98-2) Can be absorbed through the skin.

##### Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

##### Individual protection measures, such as personal protective equipment

###### Eye/face protection

Avoid contact with eyes. Wear eye/face protection. Chemical goggles are recommended. Faceshield.

###### Skin protection Hand protection

Wear appropriate chemical resistant gloves.

###### Other

Avoid contact with the skin. Wear appropriate chemical resistant clothing. Chemical resistant gloves.

###### Respiratory protection

Use personal protective equipment as required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

###### Thermal hazards

Not available

###### General hygiene considerations

Do not get in eyes. When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Keep away from food and drink. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Paste
<b>Physical state</b>	Liquid
<b>Form</b>	Paste
<b>Color</b>	Beige
<b>Odor</b>	Slight
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting point/freezing point</b>	Not available
<b>Initial boiling point and boiling range</b>	302.0 °F (150 °C) estimated
<b>Flash point</b>	350.0 °F (176.7 °C) estimated
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available
<b>Flammability limit - upper (%)</b>	Not available
<b>Explosive limit - lower (%)</b>	Not available
<b>Explosive limit - upper (%)</b>	Not available
<b>Vapor pressure</b>	988.58 hPa estimated
<b>Vapor density</b>	Not available
<b>Relative density</b>	Not available
<b>Solubility(ies) Solubility (water)</b>	Not available
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Other information</b>	
<b>Density</b>	12.51 lb/gal estimated
<b>Specific gravity</b>	1.34

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not reactive
<b>Chemical stability</b>	Stable
<b>Possibility of hazardous reactions</b>	Will not occur
<b>Conditions to avoid</b>	Heat, flames and sparks. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong acids, alkalies and oxidizing agents. Peroxides.
<b>Hazardous decomposition products</b>	Irritants. Toxic gas. Sulfur oxides. If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced.

**Section 11: Toxicological Information**

<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	May be harmful if inhaled.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation
<b>Ingestion</b>	May be harmful if swallowed and enters airways.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	
	Not available

### Information on toxicological effects

**Acute toxicity** Toxic if swallowed. May be harmful in contact with skin.

Components	Species	Test Results
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1,3-DIGLYCIDYLOXYBENZENE (CAS 101-90-6)

**Acute**

**Oral**

LD50	Rat	2.57 g/kg
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1-METHOXYPROPAN-2-OL (CAS 107-98-2)

**Acute**

**Dermal**

	Rabbit	13 g/kg
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**Inhalation**

LC50	Rat	54.6 mg/l, 4 Hours
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Oral	Rat	5.71 g/kg
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\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available

**Skin sensitization** Irritating to skin. May cause sensitization by skin contact.

**Germ cell mutagenicity** Suspected of causing genetic defects.

**Carcinogenicity** Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

1,3-DIGLYCIDYLOXYBENZENE (CAS 101-90-6) 2B Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens**

1,3-DIGLYCIDYLOXYBENZENE (CAS 101-90-6) Reasonably Anticipated to be a Human Carcinogen.

QUARTZ (CAS 14808-60-7) Known To Be Human Carcinogen.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated

**Reproductive toxicity**

Contains no ingredient listed as toxic to reproduction.

**Specific target organ toxicity - single exposure** Not available

**Specific target organ toxicity - repeated exposure** Not available

**Aspiration hazard** Not available

**Chronic effects**

Hazardous by WHMIS criteria. Hazardous by OSHA criteria. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. Possible risks of irreversible effects.

## Section 12: Ecological Information

**Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	Test Results
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DX-3300 Part A Coating and Lining (All Colors)

**Aquatic**

Crustacea EC50	Daphnia	12.7124 mg/l, 48 hours estimated
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Fish LC50	Fish	7.3328 mg/l, 96 hours estimated
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Components	Species	Test Results
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PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER (CAS 28064-14-4)

**Aquatic**

**Acute**

Fish LC50	Fish	1 - 10 mg/l
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**Persistence and degradability** Not available

**Bioaccumulative potential** Not available

**Mobility in soil** Not available

**Other adverse effects** Not available**Section 13: Disposal Considerations****Disposal instructions**

Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations Hazardous waste code**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues /unused products**

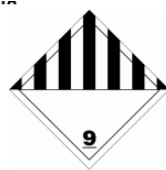
Dispose of in accordance with local regulations.

**Contaminated packaging**

Offer rinsed packaging material to local recycling facilities.

**Section 14: Transportation Information**

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER, BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	9L
<b>Special precautions for user</b>	Not available
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions
<b>Cargo aircraft only</b>	Allowed with restrictions
<b>IMDG</b>	
<b>UN number</b>	UN3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER, BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-F
<b>Special precautions for user</b>	Not available
<b>Transport in bulk according to . Annex II of MARPOL 73/78 and the IBC Code</b>	
<b>IATA; IMDG</b>	

**Marine pollutant**

## Section 15: Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)** Not regulated

**CERCLA Hazardous Substance List (40 CFR 302.4)** 1-

METHOXYPROPAN-2-OL (CAS 107-98-2) Listed

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not regulate  
**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** Not listed

**SARA 311/312** No

**Hazardous chemical**

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt
1,3-DIGLYCIDYLOXYBENZENE	101-90-6	4.95

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated

**Safe Drinking Water Act**

Not regulated

**US state regulations**

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

1,3-DIGLYCIDYLOXYBENZENE (CAS 101-90-6) Listed: July 1, 1989

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

1,3-DIGLYCIDYLOXYBENZENE (CAS 101-90-6) Listed: July 1, 1989

QUARTZ (CAS 14808-60-7) Listed: October 1, 1988

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

1,3-DIGLYCIDYLOXYBENZENE (CAS 101-90-6)

1-METHOXYPROPAN-2-OL (CAS 107-98-2)

QUARTZ (CAS 14808-60-7)

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. (CAS 64742-95-6)

**International Inventories**

Country(s) or region/Inventory name	On inventory (yes/no)
Australia Australian Inventory of Chemical Substances (AICS)	No
Canada Domestic Substances List (DSL)	No
Canada Non-Domestic Substances List (NDSL)	No
China Inventory of Existing Chemical Substances in China (IECSC)	No
Europe European Inventory of Existing Commercial Chemical Substances	No
Europe European List of Notified Chemical Substances (ELINCS)	No
Japan Inventory of Existing and New Chemical Substances (ENCs)	No
Korea Existing Chemicals List (ECL)	No
New Zealand New Zealand Inventory	No
Philippines Philippine Inventory of Chemicals and Chemical Substances	No
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the

product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16: Other information

<b>Issue date</b>	12-12-2017
<b>Version #</b>	01
<b>NFPA ratings</b>	Health: 3 Flammability: 0 Instability: 0

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

