

## Safety Data Sheet (Complies with OSHA HCS)

### Section 1: Identification

<b>Product identifier</b>	2100 Series Part A Coating and Lining (All Colors)
<b>Other means of identification</b>	ELASTASEAL, 2100EG
<b>Recommended use</b>	Not available
<b>Manufacturer/Importer/Supplier/Distributor information</b>	<b>Manufacturer Company Name</b>
<b>Company Name:</b>	Dynesic 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.dynesic.com
<b>Email</b>	sphillips@dynesic.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>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Sensitization, skin	Category 1B
	Carcinogenicity	Category 2
<b>Environmental hazards</b>	Not classified	
<b>OSHA defined hazards</b>	Not classified	
<b>Label elements</b>		



**Signal word** Warning

#### Hazard statement

Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. Suspected of causing cancer.

#### Precautionary Statement

##### Prevention

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. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

Specific treatment see Section 4 of this SDS. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Storage** Store locked up.

##### Disposal

Dispose of contents in accordance with local/regional/national/international regulations.

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Resin

**SDS**

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**Hazard(s) not otherwise classified (HNOC)**  
**Supplemental information**  
**Supplemental information**

None known  
Not applicable  
Not applicable

## Section 3: Composition/Information on Ingredients

### Mixtures

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
BISPHENOL A-(EPICHLORHYDRIN) Epoxy Resin	25068-38-6	30 - 50
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6	< 0.5

## Section 4: First Aid Measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.  
**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.  
**Eye contact** Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.  
**Ingestion** Rinse mouth. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Call a POISON CENTER or doctor/physician if you feel unwell.  
**Most important symptoms/effects, acute and delayed**  
Direct contact with eyes may cause temporary irritation.  
**Indication of immediate medical attention and special treatment needed**  
Treat symptomatically.  
**General information**  
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## Section 5: Fire-Fighting Measures

**Suitable extinguishing media**  
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).  
**Unsuitable extinguishing media**  
Do not use water jet as an extinguisher, as this will spread the fire.  
**Specific hazards arising from the chemical**  
During fire, gases hazardous to health may be formed.  
**Special protective equipment and precautions for firefighters**  
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
**Fire-fighting equipment/instructions**  
Move containers from fire area if you can do so without risk.  
**Specific methods**  
Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**  
Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

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## Methods and materials for containment and cleaning up

This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

**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. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

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

## Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

## Section 7: Section 7: Handling And Storage

### Precautions for safe handling

### Conditions for safe storage, including any incompatibilities

Avoid prolonged exposure. Observe good industrial hygiene practices. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8: Exposure Controls/Personal Protection

### Occupational exposure limits

### US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

<u>Components</u>	<u>Type</u>	<u>Value</u>
2-METHOXY-1-METHYLETHYL ACETATE (CAS 108-65-6)	TWA	50 ppm
YL ACETATE (CAS 108-65-6)		

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

### US - California OELs: Skin designation

2-METHOXY-1-METHYLETHYL ACETATE (CAS 108-65-6) 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

Wear safety glasses; chemical goggles (if splashing is possible).

#### Hand protection

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

#### Other

Wear suitable protective clothing.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9: Physical and Chemical Properties

**Appearance****Physical state**

Liquid

**Form**

Liquid

**Color**

Not available

**Odor**

Not available

**Odor threshold**

Not available

**pH**

Not available

**Melting point/freezing point**

Not available

**Initial boiling point and boiling range**

212 °F (100 °C) estimated

**Flash point**

482.0 °F (250.0 °C) estimated

**Evaporation rate**

Not available

**Flammability (solid, gas)**

Not available

**Upper/lower flammability or explosive limits****Flammability limit - lower (%)**

Not available

**Flammability limit upper (%)**

Not available

**Explosive limit - lower (%)**

Not available

**Explosive limit - upper (%)**

Not available

**Vapor pressure**

Not available

**Vapor density**

Not available

**Relative density**

Not available

**Solubility(ies) Solubility (water)**

Not available

**Partition coefficient (n-octanol/water)**

Not available

**Auto-ignition temperature**

Not available

**Decomposition temperature**

Not available

**Viscosity**

Not available

**Other information Density**

12.35 lbs/gal

## Section 10: Stability and Reactivity

**Reactivity**

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

**Chemical stability**

Material is stable under normal conditions.

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**Conditions to avoid**

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

No hazardous decomposition products are known.

### Section 11: Toxicological Information

#### Information on likely routes of exposure

**Ingestion** Not available  
**Inhalation** May be harmful if inhaled.  
**Skin contact** Causes skin irritation.  
**Eye contact** Causes eye irritation.

#### Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation.

#### Information on toxicological effects

**Acute toxicity** Not available

#### Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

#### Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization** **Respiratory sensitization** Not classified

#### Skin sensitization

Causes skin irritation. May cause allergic skin disorders in sensitive individuals.

#### Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Carcinogenicity

Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity** Not Listed

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

Not regulated

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

Not listed

#### Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

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

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

**Aspiration hazard** Not available

**Chronic effects** Prolonged inhalation may be harmful.

### Section 12: Ecological Information

#### Ecotoxicity

The product contains a substance which is toxic to aquatic organisms.

<b>Product</b>	<b>Species</b>	<b>Test Results</b>
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2100 Series Part A Coating and Lining (All Colors) (CAS Mixture)

#### Aquatic

Crustacea	EC50	Daphnia	6.3012 mg/l, 48 hours estimated
Fish	LC50	Fish	3.5897 mg/l, 96 hours estimated

\* Estimates for product may be based on additional component data not shown.

#### Persistence and degradability

No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

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**Mobility in soil**

No data available.

**Other adverse effects**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13: Disposal Considerations

**Disposal instructions**

When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261.

**Local disposal regulations**

Dispose in accordance with all applicable 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. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14: Transportation Information

**DOT** Not regulated as dangerous goods.

**IATA** Not regulated as dangerous goods.

**IMDG**

**UN number** UN3082

**UN proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN), MARINE POLLUTANT

**Transport hazard class(es)**

**Class** 9

**Subsidiary risk** -

**Packing group** III

**Marine pollutant** Yes

**EmS** F-A, S-F

**Special precautions for user**

Read safety instructions, SDS and emergency procedures before handling..

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not available

**IMDG**



**Marine pollutant**

## Section 15: Regulatory information

**US federal regulations** All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated

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

Not listed

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

Not regulated

**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 Hazardous chemical** No

**SARA 313 (TRI reporting)** Not regulated

**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 (SDWA)**

Not regulated

**International Inventories**

**Country(s) or region/Inventory name** **On inventory (yes/no)\***

Australia Australian Inventory of Chemical Substances (AICS) Yes

Canada Domestic Substances List (DSL) Yes

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 Yes

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

**Issue date** 08-29-2016

**Version#** 09

**NFPA Ratings** Health: 2  
Flammability: 1  
Instability: 0



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## **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.

## **Revision information**

Product and Company Identification: Synonyms Hazard(s) identification: Response



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