

ELASTASEAL

SDS - Part A, Resin

2100EG

Flexible, Leak Sealing, Corrosion Resistant Coating

Effective Date July 2012

1. IDENTIFICATION

Product identifier 2100 Series Part A Coating and Lining (All Colors)
Other means of identification ELASTASEAL, 2100EG
Recommended use Not available
Manufacturer/Importer/Supplier/Distributor information Manufacturer Company Name
Company Name: Dynesic Technologies, Inc.
Phone: 972-692-0962
After hours telephone number Phone: 972-692-0962
Website www.dynesic.com
Email sphillips@dynesic.com
Emergency 24 hour telephone CHEMTREC: North America 1-800-424-9300
International 1-800-527-3887
Operation hours information 7:00 a.m. to 7:00 p.m.

2. HAZARD(S) IDENTIFICATION

Physical hazards Not classified
Health hazards Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2
Sensitization, skin Category 1B
Carcinogenicity Category 2
Environmental hazards Not classified
OSHA defined hazards Not classified
Label elements



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 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.

Hazard(s) not otherwise classified (HNOC) None known

Supplemental information Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

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

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.

5. FIRE-FIGHTING MEATHODS

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

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.

6. ACCIDENTAL RELEASE MEASURES

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

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.

7. HANDLING & 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).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-METHOXY-1-METHYLETH YL 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.

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 °F (> 250 °C) estimated
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	
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

10. STABILITY & 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.

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.

12. ECOLOGICAL

Ecotoxicity

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

Product	Species	Test Results
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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
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Fish LC50	Fish	3.5897 mg/l, 96 hours estimated
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* 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

Not available

Information on likely routes of exposure

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Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not available

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Fish LC50	Fish	3.5897 mg/l, 96 hours estimated

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Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

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.

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 bcompany.

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.

14. PHYSICAL and CHEMICAL PROPERTIES

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

Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

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

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

Not regulated

Safe Drinking Water Act (SDWA)

Not regulated

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).

Issue date 06-27-2021

Version # 03

NFPA Ratings Health: 2
Flammability: 1
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.



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