

Effective Date July 2010

**1: IDENTIFICATION**

**Product identifier** 3000PSI Series Part A Coating and Lining (All Colors)  
**Other means of identification** PIPESEAL, 3000PSI  
**Recommended use** Not available  
**Recommended restrictions** None known  
**Manufacturer/Importer/Supplier/Distributor information**  
**Company Name:** Dynesic Technologies, Inc.  
 972-692-0962  
**After hours telephone number** 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 IDENTIFICATION**

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



**Signal word** Warning

**Hazard statement**  
 Suspected of causing cancer by ingestion. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

**Precautionary statement**

**Prevention**

Wear protective gloves. Wear eye/face protection. Wash thoroughly after handling. Avoid breathing mist or vapor. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

**Response**

Specific treatment see Section 4 of this SDS. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention.  
 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 skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention

**Storage**

Store in accordance with local/regional/national regulations.

**Disposal**

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

**3: COMPOSITION/INFORMATION ON INGREDIENT**

**Mixtures**

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN	25068-38-6	30 - 40
CASHEW, NUTSHELL LIQ., GLYCIDYL ETHERS	171263-25-5	1 - 10
QUARTZ	14808-60-7	1 - 10
EPICHLOROHYDRIN	106-89-8	<0.2
* Other components below reportable levels	54.98	

**Mixtures**

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER	28064-14-4	30-50
TITANIUM DIOXIDE	13463-67-7	5-15
* Other components below reportable levels.		20 - 40

**Composition comments**

Other components in this product are considered non-hazardous under the criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

**4: FIRST AID MEASURES**

**Inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. 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.

**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. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. Get medical attention immediately.

**Ingestion**

Call a physician or poison control center immediately. 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.

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

Skin irritation. May cause an allergic skin reaction. Dermatitis. Rash. Irritant effects. May cause redness and pain. Prolonged exposure may cause chronic effects.

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

Provide general supportive measures and treat symptomatically. 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. In case of shortness of breath, give oxygen. IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

**5: FIRE-FIGHTING MEASURES**

**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**

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. Cool containers exposed to flames with water until well after the fire is out. 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.

**General fire hazards**

No unusual fire or explosion hazards noted.

## **6: ACCIDENTAL RELEASE MEASURE**

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

Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid skin contact and inhalation of vapors during disposal of spills. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### **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. 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**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not breathe mist or vapor. Do not get this material in contact with eyes. Do not taste or swallow. Avoid contact with skin. Avoid prolonged exposure. Avoid contact with clothing. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains.

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

CAUTION Store locked up. Keep away from heat, sparks and open flame. Store in a closed container away from incompatible materials. Store in a well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store in accordance with local/regional/national/international regulation.

## **8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Occupational exposure limits**

This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

### **Biological limit values**

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

### **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 & CHEMICAL PROPERTIES

### Appearance

<b>Physical state</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	Not available

<b>Odor</b>	Not available
<b>Odor threshold</b>	Not available
<b>pH</b>	7 estimated
<b>Melting point/freezing point</b>	Not available
<b>Initial boiling point/boiling range</b>	> 392 °F (> 200 °C)
<b>Flash point</b>	> 302 °F (> 150 °C)
<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>	82 Pa at 20°C
<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>	> 3
<b>Auto-ignition temperature</b>	572 °F (300 °C)
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Other information</b>	
<b>Density</b>	1170.00 kg/m <sup>3</sup> at 25°C

## 10. STABILITY & REACTIVITY

### Reactivity

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

**Chemical stability** Stable

### Possibility of hazardous reactions

Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks. Avoid temperatures exceeding the flash point.

Contact with incompatible materials.

### Incompatible materials

Peroxides. Chlorine. Strong acids, alkalies and oxidizing agents.

### Hazardous decomposition products

If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Ingestion

Suspected of causing cancer by ingestion. However, ingestion is not likely to be a primary route of occupational exposure.

#### Inhalation

Prolonged inhalation may be harmful.

#### 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

Corrosive to skin and eyes.

**Serious eye damage/eye irritation**

Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available

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

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

**Carcinogenicity**

Possible cancer hazard based on tests with laboratory animals. This product contains crystalline silica. Silica is a known carcinogen; however in this encapsulated form the normal routes of exposure are unavailable.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed

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

Not classified

**Reproductive toxicity**

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

**Specific target organ toxicity - single exposure**

Not classified

**Specific target organ toxicity - repeated exposure**

Not classified

**Aspiration hazard**

Not available

**Chronic effects**

Prolonged inhalation may be harmful.

**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.

<b>Product</b>	<b>Species</b>	<b>Test Results</b>
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3000psi Series Part A Coating and Lining (All Colors) (CAS Mixture)

**Aquatic**

Crustacea EC50	Daphnia	10810.8105 mg/l, 48 hours estimated Fish
LC50	Fish	10810.8105 mg/l, 96 hours estimated

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
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PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER (CAS 28064-14-4)

**Aquatic**

Fish LC50	Fish	1 - 10 mg/l
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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 an 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. Offer rinsed packaging material to local recycling facilities.

**14. TRANSPORTATION INFORMATION**

**DOT** Not regulated as dangerous goods.  
**IATA** Not regulated as dangerous goods.  
**IMDG** Not regulated as dangerous goods.  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
 Not available

**15: REGULATORY INFORMATION**

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**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 - No  
 Fire Hazard - No  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed

**SARA 311/312 Hazardous chemical**

Yes

**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

**US state regulations**

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**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).

**Issue date** 2-25-2015  
**Revision date** 9-18-2023  
**Version #** 05  
**NFPA ratings** Health: 2  
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.