



# SAFETY DATA SHEET

## 1. Product Identification

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Product name	Flotation Foam, Part B	
SDS Number	3700B00	
Product type	Polyol Resin Mixture	
Recommended use of the chemical and restrictions on use	Urethane System Resin Component	
Restrictions	None known.	
Manufacturer/Supplier information		
Company name	SYSTEM THREE RESINS, INC.	
Address	3500 W. Valley Hwy North Suite 105 Auburn, WA 98001-2436 United States	
Telephone	1-253-333-8118	
Website	www.systemthree.com	
Email	support-08@systemthree.com	
Emergency Contact	CHEMTREC (U.S. and CANADA)	1-800-424-9300
	CHEMTREC (Outside the U.S.)	1-703-527-0585

## 2. Hazard(s) Identification

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Classification of substance or mixture/Signal word  
GHS Label Elements Hazard Pictograms

WARNING.  
SKIN SENSITIZATION Category, 1B



Hazard statements

H317 May cause an allergic skin reaction.

Precautionary Statements

Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing mist.

P272 Contaminated work clothing should not be allowed out of the workplace.

Response

P303+P352 IF ON SKIN (or hair): Wash with plenty of soap and water.

P333+P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.

P362+P364 Take off contaminated clothing and wash before reuse.

Disposal

P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified (HNOC)

None Available.

### 3. Composition/Information on Ingredients

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Chemical Name	CAS Number	Content (%)
Polyol		< 80
Tris(2-chloro-1-methylethyl)phosphate	13674-84-5	10 – 15
Ethylenediamine, ethoxylated and propoxylated	26316-40-5	10 – 15

### 4. First-Aid Measures

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<b>Inhalation</b>	Keep patient calm, remove to fresh air, seek medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with soap and water.
<b>Eye contact</b>	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
<b>Ingestion</b>	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	Symptoms: No significant reaction of the human body to the product known. Hazards: No hazards anticipated.
<b>Indication of immediate medical attention and special treatment needed</b>	Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

### 5. Fire-Fighting Measures

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<b>Suitable extinguishing media</b>	Water spray, dry powder, carbon dioxide, foam
<b>Unsuitable extinguishing media</b>	None known
<b>Specific hazards arising from the chemical</b>	None known
<b>Special protective equipment and precautions for fire-fighters</b>	
<b>Fire-fighting equipment/instructions</b>	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
<b>Specific methods</b>	Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### 6. Accidental Release Measures

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<b>Personal precautions, protective equipment</b>	Use personal protective clothing.
<b>Methods and materials for containment/cleanup</b>	Spills should be contained, solidified, and placed in suitable containers for disposal.
<b>Environmental Precautions</b>	Do no discharge into drains/subsoil/soil.
<b>Further accidental release measures</b>	High risk of slipping due to leakage/spillage of product.

### 7. Handling and Storage

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<b>Precautions for safe handling</b>	Ensure thorough ventilation of stores and work areas. Protect against moisture. Product should not be mixed with air above atmospheric
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**Precautions/Recommendations for safe/proper storage**

pressure for leak testing or any other purpose. Use dry nitrogen to transfer or leak test equipment pressurized with product. Protection against fire and explosion: No explosion proofing necessary

Suitable materials for containers: Carbon steel (iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2).

Further information on storage conditions: No special precautions necessary. Avoid extreme heat. Store protected against freezing.

Storage stability:

Storage temperature: 16 - 27°C

## 8. Exposure Controls/Personal Protection

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**Advice on system design:** Provide local exhaust ventilation to control vapours/mists.

**Individual protection measures/Personal protective equipment**

**Eye/face protection**

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

**Hand protection**

Chemical resistant protective gloves.

**Respiratory protection**

Wear NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

**General hygiene during/after use**

Avoid contact with skin. Handle with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

## 9. Physical and Chemical Properties

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**Chemical family**

Polyol

**Physical State**

**Form**

Liquid

**Color**

Amber

**Odor**

Mild, amine-like

**Odor threshold**

Not applicable

**Density (Specific gravity)**

8.80 lb/USg @ 25°C

**Viscosity**

800 mPa s @ 23°C

**pH**

> 7

**Melting point/freezing point**

< -5.00°C

**Boiling point**

100.00°C (760.000000 mmHg)

**Flash point**

>94.00°C, Open Cup

**Evaporation rate**

Not available

**Flammability (solid, gas)**

Not flammable

**Upper/lower flammability or explosive limits**

**Upper explosion limit** 90.00 % (V)

**Lower explosion limit** 50.00% (V)

**Vapor pressure**

0.10 mmHg (20.00°C)

Vapor density	Not applicable
Relative density	Not applicable
Solubility	Soluble
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	>200.00°C
Decomposition temperature	No decomposition if stored and handled as prescribed/indicated.

## 10. Stability and Reactivity

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Reactivity	None
Chemical stability	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions to avoid	Temperature: < 0 degrees Celsius
Incompatible materials	Acids, oxidizing agents, isocyanates.
Hazardous decomposition products	Carbon monoxide, carbon dioxide

## 11. Toxicological Information

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### Acute Toxicity/Effects

Acute Toxicity	No known acute effects.
Inhalation	No applicable information available.
Irritation/corrosion	Assessment of irritating effects: No irritation is expected under intended use and appropriate handling.
Sensitization	Assessment of sensitization: Sensitization after skin contact possible.

### Chronic Toxicity/Effects

Repeated dose toxicity	Assessment of repeated dose toxicity: No known chronic effects.
Genetic toxicity	Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.
Carcinogenicity	Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.
Reproductive toxicity	Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.
Teratogenicity	Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect.

### Symptoms of Exposure

Medical conditions aggravated by overexposure	No significant reaction of the human body to the product known. Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.
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## 12. Ecological Information

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<u>Toxicity</u>	Assessment of aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms.
<u>Persistence and degradability</u>	
Assessment biodegradation and elimination (H2O)	Poorly biodegradable.

**Bioaccumulative potential**

This product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

**Mobility in soil**

Adsorption to solid soil phase is not expected.

**Addition information**

Adsorbable organically-bound halogen (AOX): This product contains no organically-bound halogen.

**13. Disposal Considerations**

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**Waste disposal of substance**

Incinerate in a licensed facility. Do not discharge substance/product into sewer system.

**Container disposal**

DRUMS: Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

**14. Transport Information**

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The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

<b>Land Transport</b>	<b>US DOT</b>	Non-regulated
<b>Sea Transport</b>	<b>IMDG</b>	Non-regulated
<b>Air Transport</b>	<b>IATA/ICAO</b>	Non-regulated

**15. Regulatory Information**

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**Federal Regulations**

<b>Registration status</b>	Chemical, TSCA, US released/listed
<b>EPCRA 311/312 (Hazard categories)</b>	Not hazardous

**State Regulations**

<b>CA Prop. 65</b>	THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
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**16. Other Information, Including Date of Preparation or Last Revision**

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**HMIS Rating**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>1</b>
<b>Physical Hazards</b>	<b>1</b>

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