

**MSDS - Material Safety Data Sheet****Product Name: Bio-Foam Impression Foam**

MSDS No.: BIF100

**I. Basic Information:**

Manufacturer: Smithers-Oasis

Address: PO Box 118

City, ST Zip: Kent, OH 44240

Emergency Contact: CHEMTREC

Emergency Telephone Number: 800-424-9300

Contact: Tech Support: 919-554-2244

Information Telephone Number: 303-632-5716

Last Update: 01/19/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

1	Health
1	Flammability
0	Reactivity
B	Pers. Protection

**II. Ingredients:** Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
7727437	Barium sulfate	3-4							15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> T	
50000	Formaldehyde	<0-1.0	X		X		X		5 ppm	0.3 ppm	
	Other non-hazardous or hazardous present	,1.0									
	Proprietary acid catalysts	10-13							1 mg/m <sup>3</sup>	TW1 mg/m <sup>3</sup>	

**III. Hazardous Identification:**

Hazard Category:

 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Acute: May cause irritation to eyes, skin and respiratory tract.

Non-hazardous when used as intended.

Blue fine-celled thermoset phenolic plastic foam. May be irritating.

**IV. First Aid Measures:**

Route(s) of Entry:

Contact and inhalation of dust

Health Hazards (Acute and Chronic):

May be irritating to eyes, skin and respiratory tract.

Signs and Symptoms:

Irritation of eyes, skin and respiratory tract.

Medical Conditions Generally Aggravated by Exposure:

None known

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### **Emergency and First Aid Procedures:**

**INHALATION:** Remove from exposure to fresh air. If breathing is stopped, administer artificial respiration. Oxygen may be given by qualified personnel. Get medical attention.

**SKIN CONTACT:** Wash affected area with soap and water until no evidence of material remains. Get medical attention if irritation persists.

**EYE CONTACT:** Flush with water for at least 15-minutes, occasionally lifting upper and lower lids until no evidence of material remains. Get medical attention if irritation persists.

**INGESTION:** Do not induce vomiting. Treat symptomatically and supportively. If large amount is ingested, get medical attention as physical blockage may occur.

### **Other Health Warnings:**

None specified

### ***V. Fire Fighting Measures:***

**Flash Point:** N/A

**Lower Explosive Limit:** N/A

**Upper Explosive Limit:** N/A

**F.P. Method:**

**Fire Extinguishing Media:** Auto ignition temperature: 600F. Use water, foam, CO2 or dry chemical.

### **Special Fire Fighting Procedures:**

Avoid breathing smoke. Wear NIOSH approved self-contained breathing apparatus

### **Unusual Fire and Explosion:**

None known

### ***VI. Accidental Release Measures:***

#### **Steps to be Taken in Case Material is Released or Spilled:**

Wear suitable protective equipment. Reclaim or place in suitable container for disposal.

### ***VII. Handling and Storage:***

#### **Precautions to be Taken:**

Store in cool, dry, well-ventilated area out of direct sunlight. Foam stored in stagnant or hot enclosures may result in off gassing of residual formaldehyde gas.

#### **Other Precautions:**

Wash thoroughly after handling.

### ***VIII. Exposure Controls/Personal Protection:***

#### **Ventilation Requirements:**

General ventilation.

#### **Personal Protective Equipment:**

Gloves and safety glasses. Wear dust mask if dust is excessive.

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### IX. Physical and Chemical Properties:

Boiling Point: N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H<sub>2</sub>O = 1):

Vapor Density (AIR = 1): N/A

Solubility In Water: Not soluble

Appearance and Odor: Blue foam. No appreciable odor.

Other Information:

### X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Normally unreactive

Decomposition/By Products:

Oxides of carbon and possible trace amounts of formaldehyde, phenol, cresols, xylenols and sulfur.

Hazardous Polymerization:

Will not occur.

### XI. Toxicological Information:

May cause skin irritation in sensitive individuals. Carcinogenicity: May contain trace levels of formaldehyde (0.1%) as an impurity.

### XII. Ecological Information:

This product has not been tested for environmental effects.

### XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

### XIV. Transport Information:

Not regulated.

### XV. Regulatory Information:

OSHA: This material may be classified as hazardous under OSHA regulations.

TSCA: All components are listed or exempt from listing on the TSCA 8(b) inventory.

SARA Title III: Copper Phthalocyanine 1-2%. Barium sulfate is exempt from reporting under the category of barium compounds (59FR33208).

### XVI. Other Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

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Using this product under normal, properly instructed procedures should not be hazardous.