



American Foam Technologies

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MATERIAL SAFETY DATA SHEET PHENOLIC BALSA FOAM BUNSTOCK

SECTION I: PRODUCT IDENTIFICATION

Product Name: Balsa Foam™

Chemical Name: Closed Cell Phenolic Foam

Manufacturer:

American Foam Technologies, Inc.

HC 37 Box 317H

Lewisburg, WV 24901

Main Telephone: 304-497-3000

CHEMTREC 24 Hour Emergency Phone Number: 800-424-9300

SECTION II: HAZARDOUS INGREDIENTS

CAS No.	Material Component	%	OSHA Limits
98-67-9	Phenol Sulphonic Acid	<5%	None established
N/A	High Tech Cured Phenolic Polymer	95%>	OSHA TLV for dust 15 mg/m3 Total Dust 5 mg/m3 Respirable Dust

SECTION III: PHYSICAL DATA

- Boiling Point : N/A
- Specific Gravity: Dependent upon product density 5, 10, or 20 lbs/ft3
- Vapor Pressure: N/A
- Melting Point: N/A
- Solubility in Water: Basic foam structure is not soluble in water.
- Vapor Density: N/A
- Appearance: Tan rigid cellular plastic foam
- Odor: Mild (Very low level of formaldehyde)

SECTION IV: FIRE AND EXPLOSION DATA

- Flash Point: N/A
- Flammable Limits: N/A – Excessive accumulations of dust may be flammable
- Extinguishing Media: CO2, Dry Chemical, Water
- Special Fire Fighting Procedures: Avoid breathing smoke. Utilize full protective equipment, self contained breathing apparatus, as you would with any wood and paper fire. Foam is self extinguishing in block form. No burning or punking will happen. It will decompose if the temperature is greater than 205°C.
- Unusual Fire/Explosion Hazards: See Section VIII

SECTION V: HEALTH HAZARD INFORMATION

FIRST AID:

- Eyes: Flush with water for approximately 15 minutes
- Skin: Wash with soap and water
- Inhalation: Remove victim to fresh air. If difficulties continue, contact a physician.
- Ingestion: No adverse effects anticipated because it is difficult to swallow the foam in quantities that would cause an adverse effect.

EFFECTS OF OVEREXPOSURE:

- Eyes: Solid or dust may cause irritation due to mechanical abrasion.
- Skin: Mechanical abrasion to skin
- Inhalation: Typical dust inhalation symptoms
- Ingestion: None expected

TOXICITY DATA:

- The foam contains low levels of phenol sulphonic acid which, when solubilized, will reduce the pH of the solvent (water). Otherwise the foam is non toxic.
- Tested by Duke University Toxicology Dept. to be non-toxic
- Approved by ACMI Boston, Massachusetts to carry AP-Non-Toxic label

SECTION VI: REACTIVITY DATA

- Stability: Stable
 - Conditions To Avoid: N/A
- Incompatibility (Materials to Avoid): Contact with metal surfaces in the presence of moisture is corrosive to that metal. Also may be softened by contact with strong alkali
- Hazardous Decomposition Products: N/A
- Hazardous Polymerization will not occur.
 - Conditions To Avoid: N/A

SECTION VII: CONTROL MEASURES

VENTILATION REQUIREMENTS: Use in a well ventilated area or with local exhaust for dust and odor control

SPECIFIC PERSONAL PROTECTION EQUIPMENT:

- Eyes: Safety glasses if there is a potential for exposure to particulates that would cause mechanical injury.
- Respiratory: In a dusty atmosphere, use NIOSH / OSHA approved dust respirator if exposed to dust levels above regulatory limits.
- Gloves: None required
- Other Clothing & Equipment: None required

SECTION VIII: SPECIAL PRECAUTIONS FOR SAFE HANDLING AND USE

- Steps To Be Taken If Material Is Released or Spilled: N/A
- Waste Disposal Method: Landfill or any other approved method for disposal in compliance with local, state, and federal regulations.
- Precautions To Be Taken In Handling And Storing: Normal Storage of Combustible Materials: Finished foam in block form is not flammable in that it does not burn with an open flame as a solid. It will support combustion if it is ignited by direct contact with an open flame or exposed to temperature in the range of 600° F. Dust may be flammable in excessive quantities. Follow good housekeeping practices.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

Consult American Foam Technologies, Inc. for further information if needed.

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