

**Material Safety Data Sheet****SEPTON® 4044****Section I – Company Information**

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**Section II – Component Information**

Component Name	OSHA PEL	ACGIH TLV	CAS Number	%
<b>SEPTON® 4044</b>	NA	NA	Mixture	100
<b>Hydrogenated Styrene Isoprene/Butadiene Block Copolymer</b>	NA	NA	132778-07-5 132983-38-1	>99
<b>Antioxidant/Stabilizer</b>	NA	NA		< 1

**Section III – Physical/Chemical Characteristics**

Boiling Point: None	Specific Gravity: (H2O = 1): 0.91
Vapor Pressure: None	Vapor Density: None
Flammability: UEL = None LEL = None	Odor: No Odor
Solubility in Water: Negligible	Appearance: White Powder

**Section IV – Fire and Explosion Hazard Data**

Flash Point: None	Auto Ignition Temperature: None
Explosive Limits: UEL = None	LEL = None
Firefighting Procedures: Extinguishing Media – Water, Dry Chemical, Resistant Foam, or Carbon Dioxide	
Special Firefighting Procedures: Firefighters should wear a positive pressure NIOSH approved self-breathing apparatus with a full faceplate when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products.	
Unusual Fire and Explosion Hazards: Toxic gases (carbon Monoxide) may form when burned without sufficient oxygen	

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### **Section V – Reactivity and Stability Data**

Stability – Stable, Conditions to Avoid – NA, Incompatibility – None

Hazardous Decomposition or By-Products – At processing temperatures, some degree of thermal degradation will occur. Although highly dependant on temperature and environmental conditions, a variety of decomposition products may be present. These range from simple hydrocarbons (methane, propane) to toxic/irritating gases (carbon monoxide, carbon dioxide etc.)

### **Section VI – Health Hazard Data**

Carcinogenicity: No

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

##### Skin Contact:

Wash the affected area under tepid water using a mild soap. If the irritation persists, arrange for transport to the nearest medical facility for examination and treatment by a physician

##### Inhalation:

Remove the victim from the contamination immediately to fresh air. Keep the victim warm and quiet. If any symptoms appear, arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

##### Eye Contact:

Gently rinse the affected eyes with clean water for at least 15 minutes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

##### Ingestion:

Rinse mouth with water. Give victim one or two glasses of water. If they are conscious, try to get the victim to vomit by having the victim touch the back of their throat with a finger. If they are unconscious, don't give anything to drink and don't make them vomit. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

### **Section VII – Precautions for Safe Handling and Use**

#### Recommended Handling and Storage:

Septon polymer may accumulate static charge during transport, handling and processing. Static charge can be a potential fire hazard in the presence of volatile or flammable materials or in high airborne dust conditions.

Ground all transfer, blending and dust collection equipment to prevent static sparks. Remove all ignition sources from the material handling, transfer and processing areas where dust may be present. Mechanical and local exhaust should be provided in work areas. Practice good housekeeping practices. Product spilled on walking surfaces may constitute a slipping hazard. Store in a cool, well ventilated location. Keep away from

all possible sources of ignition.

**Spill and Leakage:**

Take up mechanically, then place in a chemical waste container. Then ventilate area.

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**Section VIII – Control Measures**

OSHA PEL – None Established, PEL – NA, TVL/TWA – NA, ACGIH – NA.

**Respiratory Protection:**

Keep work area well ventilated to avoid inhaling excessive material. Where exposure is likely to exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based upon the form and concentration of contaminate in the air in accordance with OSHA 29 CFR, 1910.134.

**Protective Equipment:**

**Protective Clothing:**

Wear heat protective gloves and clothing if there is a potential contact with heated materials.

**Eye Protection:**

Safety glasses meeting ANSI Standard Z87.1 should be worn if there is a possibility of eye contact.

**Work Hygiene Practices:**

Practice good personal hygiene after using this material. Use good housekeeping practices.

**Section IX – Transporter Information**

Proper Shipping Name: NA

Un/ID Number: Non-regulated

Hazard Class: Not Hazardous by DOT

Labels Required: None

Packaging Group: None

**This product is not hazardous as defined by the U.S. Occupational Safety and Health Administration (OSHA) under its Hazard Communication Standard (HCS), 29 CFR 1910.1200**

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Septon Company of America bears legal responsibility.