

CONTINENTAL MATERIALS, INC.

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MSDS NO: 9300.0  
DATE: 5/14/01  
Replaces: same

Date: 4/19/02

MATERIALS SAFETY DATA SHEET

**A. IDENTIFICATION AND EMERGENCY INFORMATION**

**Product Name:** ASPHALT SATURATED STANDARD COTTON

**Product Code Numbers:** 93365, 93245, 93185, 93095, 93045, 93035

**Chemical Name:** N/A

**CAS Number:** N/A

**Product Appearance and Odor:** a black woven cotton fabric with a very slight odor of petroleum asphalt.

**Emergency Telephone Number:** Chemtrec 800-424-9300 24hrs. MSDA Code No.: 9300.0

**B. COMPONENTS HAZARD INFORMATION**

<u>COMPONENTS</u> <u>WTCONCENTRATION</u>	<u>CAS NO.</u>	<u>ACGHI TLV</u>	<u>APPEARANCE</u>
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Cotton fabric	Not Established		less than 40.0
Petroleum Asphalt	8052-42-4	0.5 mg/m3	greater than 60.0

\*Amount of dust and fume will be dependent upon method of handling and heating.

**Hazardous Materials Identification System:** (HMIS RATING) Health -0 Flammability-1  
Reactivity-0

Hazard Ranking: 0-Least 1-Slight 2-Moderate 3-High 4-Extreme

**C. PRIMARY ROUTES OF ENRTY AND EMERGENCY FIRST AID PROCEDURES**

**Eye Contact:** Mechanical irritation. Flush with l amount of water while holding eyelids open. **SEEK MEDICAL ATTENTION** if irritation persists.

**Skin:** Possible mechanical irritant. Wash with soap and water or use waterless hand cleaner. **DO NOT USE** Solvents or thinners. To clean skin. If irritation persist, **SEEK MEDICAL ATTENTION.**

**Inhalation :** Possible respiratory irritation. Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. **SEEK MEDICAL ATTENTION.**

**D. FIRE AND EXPLOSION HAZARD INFORMATION**

**Flash Point:** Greater than 475 F

**Autoignition Temperature:** Greater than 905 F1

**National Fire Protection Association (NFPA) - Hazard Identification:** Health-0 Flammability-1  
**National Fire Protection Association (NFPA) - Hazard Identification:** Health-0 Flammability-1  
Reactivity -0

1 Rating for petroleum asphalt component only.

**Handling Precautions:** Keep material cool, dry, and away from sources of ignition. Material may deform if exposed to high temperature for a prolonged period of time. Store and use in a manner that will prevent airborne particles in the work place.

**Flammable or Explosive Limit:** Not applicable.

**Extinguishing media under Fire Fighting Procedures:** Extinguish with: dry chemical, CO<sub>2</sub>, Universal type foam, or water fog.

**Decomposition Products under Fire Conditions:** May form toxic materials; carbon dioxide, and carbon monoxide. Other unidentified compounds may form upon asphalt combustion.

**“Empty” Container Warning:** Not applicable.

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E. **HEALTH AND HAZARD INFORMATION**

**Variability Among Individuals:** Health studies have shown that individual sensitivities vary from person to person. As a precaution, those people that show a sensitivity should avoid using this material.

**Effects of Overexposure:** Not known.

**Nature of Hazard and Toxicity Information:** There is no chemical hazard from this material. Too much fabric dust in the air as a result of cutting, tearing or grinding, may be irritating to the respiratory tract and eyes, but is not likely with this material. Dust particles are irritating to the skin.

**Pre-existing Medical Conditions which may be Aggravated by Exposure:** Dermatitis.

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F. **PHYSICAL DATA**

The following are approximate or typical values and should not be used for precise design purposes.

<b>Boiling Range:</b> > 600 F (asphalt)	<b>Vapor Pressures:</b> Not Applicable
<b>Specific Gravity:</b> Approximately 2-5	<b>Vapor Density:</b> Not Applicable
<b>Molecule Weight:</b> Not Applicable	<b>Percent Volatile by Volume:</b> Not applicable
<b>pH :</b> Not applicable	<b>Solubility in water @ 1 ATM and 77 F:</b> Insoluble
<b>Viscosity:</b> Not applicable	

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G. **REACTIVITY**

**Stability:** \_\_\_\_\_ unstable \_\_\_\_\_ stable

**Hazardous Polymerization:** \_\_\_\_\_ may occur \_\_\_\_\_ will not occur

**Hazardous Decomposition Products:** Not applicable

**Incompatibility (Material to Avoid):** Avoid contact with strong oxidizing agents such as : liquid chlorine Sodium or calcium hypochlorite, nitrates and peroxides, etc.

**Conditions to Avoid:** keep from heat, sparks, open flame.