



Between the World  
and The Weather  
Since 1928

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** RAM MASTIC

### A: IDENTIFICATION AND EMERGENCY INFORMATION

**MANUFACTURER'S NAME:** Barrett Company, Inc.  
33 Stone House Road  
P.O. Box 421  
Millington, New Jersey 07946-0421

**EMERGENCY PHONE:** (800) 647-0100  
**INFORMATION PHONE:** (908) 647-0100

**DATE PREPARED:** NOVEMBER 2006

### B: COMPONENTS AND INFORMATION ON INGREDIENTS

<u>COMPONENTS</u>	<u>CAS#</u>	<u>WEIGHT %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>
Asphalt	8052-42-4	30-80	N.E.	5mg/m <sup>3</sup> 5mg/m <sup>3</sup>	(NIOSH)
Aliphatic Hydrocarbons	8052-41-3	3-40	500ppm	100ppm	350mg/m <sup>3</sup>
Aromatic Petroleum Distillates	64742-95-6	5-35	N.E.	N.E.	N.A.
Rubber	9003-55-8	5-25	N.A.	N.A.	N.A.
Attapulgate Clay	12174-11-7	0-20	N.A.	5mg/m <sup>3</sup>	N.A.
Cellulose Fibers	9004-34-6	0-15	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	N.A.
Cationic Salt	28701-67-9	0-3	N.A.	N.A.	N.A.

PEL = Permissible Exposure Limits

TLV = Threshold Limit Value

N.E. = Not Established

N.E. = Not Established

OSHA = Occupational Safety and Health Administration

ACGIH = American Conference of Governmental Industrial Hygienists

NIOSH = National Institute of Occupational Safety and Health

### C: HAZARDS IDENTIFICATION

Combustible liquid and vapor

Potential Health Effects: Fumes from product can be unpleasant, may cause nausea, headache and irritating to eyes, skin and respiratory tract.

### D. PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** 300-350°F

**VAPOR DENSITY:** Heavier than air.

**COATING V.O.C.:** 2.75 lb/gal (330 gal)

**SOLUBILITY IN WATER:** Negligible

**APPEARANCE AND ODOR:** Dark liquid. Mild petroleum odor.

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1)** 1.0

**EVAPORATION RATE (Butyl Acetate: Slower than ether.)**

**VAPOR PRESSURE:** 3

### E. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (PMCC):** 104°F minimum

**DUST EXPLOSIVITY LIMITS:** Not applicable

**EXTINGUISHING MEDIA:** Carbon Dioxide (CO<sub>2</sub>), foam, or dry chemical. Water may be used to cool containers exposed to heat.

**SPECIAL FIREFIGHTING PROCEDURES:** Minimize breathing vapors, gases or fumes of decomposition products. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** When heated above flash point, material will release flammable vapors which can burn or be explosive in confined spaces if ignited. Do not mix with strong oxidants such as liquid chlorine or concentrated oxygen.



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### RAM MASTIC (continued)

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**F. REACTIVITY DATA**

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**STABILITY:** Stable

**CONDITIONS TO AVOID:** Keep away from heat, spark, and open flames. Auto-ignition temperature unknown.

**INCOMPATIBILITY (Materials to Avoid):** May react with strong oxidizing materials.

**HAZARDOUS DECOMPOSITION:** Combustion: Carbon Dioxide (CO<sub>2</sub>), Carbon Monoxide (CO), Nitrogen Oxides, smoke and fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**G. HEALTH HAZARD DATA**

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**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** If respiratory discomfort occurs, remove to fresh air. If discomfort continues, administer oxygen and get medical attention.

**SKIN CONTACT:** If this product comes in contact with skin, remove material with mineral oil, then wash with soap and plenty of water.

**EYE CONTACT:** If this product comes in contact with eyes, flush eye with plenty of water for at least 15 minutes and seek medical attention.

**INGESTION:** If swallowed, do not induce vomiting. Get medical attention.

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**H. PERSONAL PROTECTION AND CONTROL MEASURES**

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**RESPIRATORY PROTECTION:** Respirator in confined area or with vapors in high concentration.

**VENTILATION:** Local exhaust recommended.

**PROTECTIVE GLOVES:** Solvent impervious gloves.

**EYE PROTECTION:** Safety glasses or goggles for liquid materials.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Long sleeves and impervious clothing to protect against splashing.

**WORK/HYGIENIC PRACTICES:** See Section I

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**I. HANDLING AND STORAGE**

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Vapors are heavier than air and may travel along the ground or be moved by ventilation to locations distant from the point of material handling. To prevent fumes from entering the buildings or confined areas, close all air intake sources near the material handling or the work area. To prevent ignition, avoid smoking, keep away from heat, open flames and sources of static or electrical sparking. Use explosions proof motors and equipment. Tank trucks or other containers should be grounded and/or bonded when the material is transferred.

Avoid prolonged or repeated inhalation of vapors or spray mists. Avoid prolonged or repeated skin contact. Adhere to good hygienic practices. Avoid open flames. Use with adequate ventilation.

Store in a cool, dry place, out of direct sunlight and away from heat, sparks, and flame.

Exposure to liquids, vapors, mists or fumes should be minimized.

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**J. DISCLAIMER**

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