

MATERIAL SAFETY DATA SHEET

BARRETT COMPANY, INC.
33 STONEHOUSE ROAD
MILLINGTON, NEW JERSEY 07946-0421
(908) 647-0100

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: Ram-Tough KLB-100, K-312

CHEMICAL NAME, FAMILY & SYNONYMS:
Polymer Modified Asphalt

NOTE: This MSDS complies with requirements of the Hazard Communication Standard, OSHA 29 CFR 1910.1200

FORMULA:
Asphalt cement modified with thermoplastic rubber reinforcing fillers.

HAZARDOUS CLASSIFICATION: Health = 1
Fire = 1
Reactivity = 0

EMERGENCY ASSISTANCE: Barrett Company 1-800-647-0100

DOT CLASSIFICATION:

DATE PREPARED: AUGUST 1, 1991

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS

(SPECIFY CHEMICAL IDENTITY: COMMON NAME(S)); OSHA PEL ACGIH TLV OTHER LIMITS RECOMMENDED: % (OPT.)

Asphalt (CAS 8052-42-4) 0.5mg/m₃

NOTE: The TLV is for asphalt fumes when heated.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Greater than 600°F SPECIFIC GRAVITY (H₂O=1): 1.20

VAPOR PRESSURE (mm Hg.): Not Applicable MELTING POINT: (ASTM D-36, ring and ball softening point): 200°

VAPOR DENSITY (AIR = 1): Not Applicable EVAPORATION RATE (BUTYL ACETATE = 1): Not Applicable, Material does not experience evaporation.

SOLUBILITY IN WATER: Negligible.

APPEARANCE AND ODOR: Black, adhesive, solid at 77°F. Petroleum product odor, liquid at temperatures above 275°F.

SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED): FLAMMABLE LIMITS: LEL UEL
C.O.C. (ASTM D) 475°F minimum. Not Applicable. --- ---

EXTINGUISHING MEDIA: CO₂, dry chemical, foam.

SPECIAL FIRE PROCEDURES: Use self controlled breathing apparatus in enclosed areas and full body protection gear including face shield, trench coats, gloves and rubber boots. Concentrated vapors from combustion should not be breathed.

UNUSUAL FIRE AND EXPLOSIVES HAZARDS: Black, dense haze smoke forms during burning. Keep sparks away from concentrated fumes. Material will not burn unless pre-heated.

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SECTION VIII - CONTROL MEASURES

RESPIRATORY, PROTECTION (SPECIFY TYPE): For high fume concentrations, NIOSH respirator with organic mist filter.

VENTILATION:

LOCAL EXHAUST:

To keep fumes below TLV

MECHANICAL (GENERAL):

Not generally required

SPECIAL:

Not generally required

OTHER:

Not generally required

PROTECTIVE GLOVES:

To protect hands and arms from hot material.

EYE PROTECTION:

Safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: To prevent skin contact with hot material.

WORK/HYGIENIC PRACTICES: Use good personal hygiene, wash hands and exposed skin with soap and water.