



Between the World
and The Weather
Since 1928

SAFETY DATA SHEET

1: IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: RAM ARC

Manufacturer's Name: Barrett Company, Inc.
33 Stone House Road
Millington, New Jersey 07946-0421

CHEMTREC EMERGENCY PHONE: 800-424-9300
INFORMATION PHONE: 908-647-0100
DATE PREPARED: February 15, 2013

Recommended Use: A component part of commercial waterproofing and roofing systems

Restrictions on Use: Should only be used by a Barrett Approved Contractor

2: 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.

3: COMPOSITION/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	40-80	N.E.	5mg/m ³	5mg/m ³ (NIOSH)
Aliphatic hydrocarbons	8052-41-3	<25	100 ppm	100 ppm	350mg/m ³ (NIOSH)
Aromatic Petroleum Distillates	64742-95-6	<25	N.E.	N.E.	100mg/m ³ (Exxon)
Amorphous Alumina Silicates	93763-70-3	<10	15mg/m ³	10mg/m ³	N.A.
Kaolin Clay	1332-58-7	<20	15mg/m ³	5mg/m ³	N.A.
Attapulgite Clay	12174-11-7	<10	N.A.	5mg/m ³	N.A.
Cellulose Fibers	9004-34-6	<10	5mg/m ³	5mg/m ³	N.A.
Polymers	9003-55-8	<5	N.A.	N.A.	N.A.
Cationic Slat	28701-67-9	<3	N.A.	N.A.	N.A.

PEL = Permissible Exposure Limits

TLV = Threshold Limit Value

N.E. = Not Established

N.A. = Not Applicable

OSHA = Occupational Safety and Health Administration

ACGIH = American Conference of Governmental Industrial Hygienists

NIOSH = National Institute of Occupational Safety and Health

4: FIRST AID MEASURES

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

Inhalation: If respiratory discomfort occurs, remove to fresh air. If discomfort continues, administer oxygen and get medical attention.

Ingestion: If swallowed, do not induce vomiting, get medical attention.

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.

5: FIRE FIGHTING MEASURES

Flash Point (PMCC): 104°F Minimum

Dust Explosivity Limits: Not Applicable

Extinguishing Media: Carbon dioxide (CO₂), foam or dry chemical. Water may be used to cool containers exposed to heat.

Fire Fighting Instructions: 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 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.

6: ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition and ventilate the area. Add sand or earth or absorb spill with suitable absorbent material and place in a closed container.

Keep product out of sewers and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers or waterways. Assure conformity with applicable governmental regulations.

7: HANDLING AND STORAGE

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 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 explosion proof motors and equipment. Tank truck 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 cool, dry place, out of direct sunlight and away from heat, sparks and flame.

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: Use supplied-air respirator in confined areas or with vapors in high concentrations.

Ventilation: Local exhaust: In enclosed areas. Special: None
Mechanical: In enclosed areas. Other: None

Protective Gloves: Solvent impervious gloves.

Eye Protection: Safety glasses or goggles for liquid material.

Other Protective Clothing or Equipment: Long sleeves and impervious clothing to protect against splashing.

Work/Hygienic Practices: See section 7.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Dark Liquid. Mild petroleum odor.

Vapor Pressure: 3

Boiling Point Range: 300 - 350°F

Evaporation Rate (Butyl Acetate=1) @77°F: 0.2

Melting Point (R&B): N/A

Vapor Density (AIR= 1) : >4

Solubility in Water: Insoluble.

Flash Point (PMCC): 104°F min.

Specific Gravity (H₂O=1): 0.8 – 1.2

10: STABILITY AND REACTIVITY

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 or Byproducts: Combustion: carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxides, smoke and fumes.

Hazardous Polymerization: Will not occur.

11: TOXICOLOGICAL INFORMATION

Product may cause respiratory irritation, headache, dizziness, nausea and vomiting. Prolonged or repeated contact with skin may cause dermatitis.

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO

12: ECOLOGICAL INFORMATION

EPA Hazard Classification Code:

Acute Hazard: ____ Chronic Hazard: ____ Fire Hazard: ____ Pressure Hazard: ____
Reactive Hazard: ____ Not Applicable: X

13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

14: TRANSPORTATION INFORMATION

The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations for additional description requirements.

DOT Shipping Name: Asphalt Cements/Coatings
DOT Label Information: Combustible Liquid
DOT Hazard Class: Non-Hazardous (Ground transport only)
DOT Packing Group: N/A (Ground transport only)

15: REGULATORY INFORMATION

SARA Title III

This product contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

	CAS#	Weight%
1, 2, 4 – Trimethylbenzene	95-63-6	< 7.0
Xylenes	1330-20-7	< 1.0
Cumene	98-82-8	< 1.0
Ethylbenzene	100-41-4	< 0.2
Polycyclic Aromatic Compounds	N590	< 0.1

EPA Hazard Classification Code: Acute Hazard/Chronic Hazard/Fire Hazard/Pressure Hazard/Reactive Hazard
- NOT APPLICABLE.

TSCA, CANADIAN DSL: Yes

16: OTHER INFORMATION

Date Prepared: February 15, 2013

Disclaimer: The information and recommendations contained herein are to the best of Barrett Company's knowledge and belief, accurate and reliable as of the date issued. Barrett Company does not warrant or guarantee their accuracy or reliability, and Barrett Company shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the users' consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users' responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from Barrett Company. The Environmental Information included above as well as the Hazardous Material Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by Barrett Company in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with Barrett Company's interpretation of the available data. We make no warranty as to the results to be obtained in using any material and, since conditions and methods of use are not under our control, we must necessarily disclaim all warranties of merchantability or fitness for any particular use as well as all liability resulting directly or indirectly from the use of any materials supplied by us.