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Safety Data Sheet

1: IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: RAM 400 PS

MANUFACTURER'S NAME: Barrett Company, Inc.
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Millington, New Jersey 07946-0421

CHEMTREC EMERGENCY PHONE NUMBER: 800-424-9300
INFORMATION PHONE: 800-647-0100
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Recommended Use: A component part of commercial roofing and waterproofing systems

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

2: HAZARDS IDENTIFICATION

This product is a black, opaque solid with a polymer sheeting on one side. It has a slight odor. Product is not flammable but will burn under fire conditions. If heated, hazardous vapors may be produced. Inhalation may cause irritation of the nose, throat and respiratory system. Potential cancer hazards based on animal data. However, it is a manufactured article as defined in 29 CFR 1200(c) and not considered to be hazardous when used/applied per manufacturer's guidelines.

3: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Hazardous Component</u>	<u>Hazardous Subcomponent</u>	<u>CAS No.</u>	<u>Amount</u>	<u>Exposure Limit</u>
Butyl Rubber Reclaim		9010-85-9	10-40%	None Established
	Carbon Black	98615-67-9	9-13%	3.5 mg/m ³ PEL-TWA
Severely Solvent Refined Heavy Naphthenic Distillate		64741-96-4	20-50%	5 mg/m ³ PEL/TLV-TWA
Talc		14807-96-6	10-20%	20 mppcf PEL-TWA 2 mg/m ³ TLV-TWA (respirable fraction)

Non-Hazardous Components >1%: Resins and Polymers 10-40%;

4: FIRST AID MEASURES

EYE: First check victim for contact lenses and remove if present. Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation persists.

SKIN: Remove contaminated clothing and launder before re-use. (*Discard contaminated shoes*). Wash skin thoroughly with soap and water. If rash or irritation develop, get medical attention.

INGESTION: If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. **DO NOT** induce vomiting unless directed by medical personnel. Get medical attention.

INHALATION: If symptoms of exposure develop, remove victim to fresh air. If breathing is difficult or symptoms persist, get immediate medical attention.

5:**FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA:	Use foam or dry chemical to extinguish fire. Use fog nozzles if water is used. Water streams may cause violent eruptions and spread the burning of asphalt. Use water to cool fire exposed containers and structures.
UNUSUAL FIRE OR EXPLOSION HAZARDS:	Product will burn if exposed to elevated temperatures or fire. Hot butyl may ignite flammable mixtures on contact. Toxic vapors including hydrogen sulfide may be released upon combustion. Hydrogen sulfide vapors are heavier than air, may accumulate in low areas and flashback if ignited.
SPECIAL FIRE-FIGHTING INSTRUCTIONS:	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Do not allow run-off from firefighting to enter drains or water courses.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide, sulfur oxides, hydrogen sulfide, acrolein, aldehydes, benzaldehydes, ketones and unidentified organic compounds may be formed on combustion.
EXPLOSION DATA (sensitivity to mechanical impact or static discharge):	None known.

6:**ACCIDENTAL RELEASE MEASURES**

Wear appropriate protective clothing as described in Section 8. Pick up and place into an appropriate container for disposal. If product becomes molten, allow product to cool before picking or scraping up.

7:**HANDLING AND STORAGE**

Handling: Avoid contact with eyes and skin. Avoid breathing vapors, mists or fumes. If product is heated, use with adequate ventilation. Wash with soap and water after use.

Do not cut, drill, grind or weld on or near container, even empty containers. Empty containers retain product residues and can be hazardous. Follow all SDS precautions when handling empty containers.

Storage: Store in a cool, well ventilated area away from excessive heat and sources of ignition. Do not enter confined storage areas without proper precautions including atmospheric testing.

8:**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure Guidelines: See Section 2.

Engineering Controls: General ventilation should be adequate for normal use. For operations where the TLV may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

Respiratory Protection: None needed under ambient conditions. For situations where the product is heated, hydrogen sulfide may be released. In such conditions, a NIOSH approved positive pressure self-contained breathing apparatus is recommended. Gas masks or other air purifying respirators are not recommended for hydrogen sulfide due to its poor odor warning properties. Equipment selection depends on containment type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For fire fighting, use self-contained breathing apparatus.

Skin Protection: If heated, wear leather gloves to prevent thermal burns.

Eye Protection: Safety glasses or goggles should be worn where contact is possible.

Other: Wear long sleeved shirt and long pants to avoid skin contact. Wash thoroughly after handling.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Black, opaque solid with polymer sheeting on one side with slight odor	Octanol/Water Coefficient:	No data available
Auto Ignition	None Determined	Ph:	Not applicable
Boiling Point:	Not applicable	Relative Density	Not applicable
Bulk Density:	15.74 pounds/gallon	Solubility in Water:	Insoluble
Decomposition Temperature:	Not applicable	Specific Gravity:	1.88
Evaporation Rate:	Not applicable	Vapor Density:	Not applicable
Flammability:	Burns at high temperatures	Vapor Pressure:	Not applicable
Flammable Limits	LEL: none determined UEL: none determined	Viscosity:	Not applicable
Flash Point:	>320° F	VOC Content:	0%
Melting Point:	230° -260° F (110° -127° C) (Softening Point)		

10: STABILITY AND REACTIVITY

Stability: Stable under normal storage and handling conditions.

Incompatibility: Strong oxidizers. Avoid water if product is molten.

Hazardous Decomposition Products: Carbon monoxide, Sulfur oxides, hydrogen sulfide, acrolein, aldehydes, benzaldehydes, ketones and unidentified organic compounds.

Hazardous Polymerization: Will not occur.

11: TOXICOLOGICAL INFORMATION

Ingestion: No adverse effects are expected from normal use. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: No adverse effects expected at ambient temperatures. Vapors released from heating product may cause respiratory irritation. At elevated temperatures hydrogen sulfide may be released. The release of hydrogen sulfide gas in various concentrations may cause irritation of the eyes and respiratory tract, headache, dizziness, nausea and drowsiness. Exposure to high concentrations of hydrogen sulfide can cause respiratory arrest and death.

Eye: May cause irritation with redness, tearing and blurred vision. Contact with product at elevated temperatures may cause thermal burns.

Skin: May cause irritation, defatting of the skin and dermatitis. Contact with product at elevated temperatures may cause thermal burns.

Sensitization: This product is not expected to cause sensitization.

Chronic/Carcinogenicity: No adverse chronic effects expected at ambient temperatures when the product is used as intended. Prolonged skin contact with oils of the type contained in this product has been found to cause skin cancer in mice. Prolonged inhalation overexposure to talc may result in lung damage, pulmonary fibrosis, however, the talc in this product is bound in the polymer matrix and no exposure occurs during normal use. Mineral oils, untreated and mildly treated are listed by IARC as "Carcinogenic to Humans", Group 1. Carbon black is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B.

Mutagenicity: No adverse effects from available data.

Synergistic Products: None specifically known.

Medical Conditions Aggravated by Exposure: Employees with pre-existing skin and respiratory disorders may be at increased risk from exposure.

Acute Toxicity Values: No toxicity data available for components.

12: ECOLOGICAL INFORMATION

No ecotoxicity data is available for this product at this time.

13: DISPOSAL CONSIDERATIONS

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

14: TRANSPORT INFORMATION

DOT Hazardous Materials Description

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15: REGULATORY INFORMATION

CERCLA/Superfund: This product is not subject to CERCLA reporting requirements.

SARA Hazard Category (311/312): Acute Health, Chronic Health, Fire Hazard.

SARA 313 Information: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer: Untreated/mildly treated mineral oils

This product contains the following chemicals known to the State of California to cause developmental toxicity (birth defects): None

This product contains the following chemicals known to the State of California to cause male reproductive toxicity: None

Canada: This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

Canadian WHMIS Classification: Not a controlled product (manufactured article).

Canadian CEPA: All the components of this product are listed on the Canadian DSL.

16: OTHER INFORMATION

NFPA Rating: Health = 1 Fire = 1 Reactivity = 0

HMIS Rating: Health = 1 Fire = 1 Reactivity = 0

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