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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: RAM COLD TAR PLUS

A: IDENTIFICATION AND EMERGENCY INFORMATION

Manufacturer's Name: Barrett Company, Inc.
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P.O. Box 421
Millington, New Jersey 07946

EMERGENCY PHONE: 800-647-0100
INFORMATION PHONE: 908-647-0100
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B: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>COMPONENTS</u>	<u>CAS#</u>	<u>APPROXIMATE WT% CONCENTRATION</u>
Refined Coal Tar Pitch	65996-93-2	10 ± 5
Aromatic Solvent	64742-95-6	35 ± 5
Petroleum Asphalt	8052-42-4	40 ± 5
Styrene Butadiene Polymer	9003-55-8	15 ± 5

Note: The above components and their percentages are provided for health and safety purposes only. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

C: PRIMARY ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES

SKIN CONTACT: Coal tar and aromatic solvent – exposure causes skin irritation characterized by skin itching, burning, swelling and redness. Photosensitization of the skin may occur. This irritation has a burning sensation somewhat like sunburn and is accentuated by sunlight. Repeated or prolonged contact may contribute to conditions such as dermatitis, tar warts and rough skin.

If contact occurs, wash affected area with waterless hand cleaner. Remove contaminated clothing/shoes and do not reuse until thoroughly laundered. If irritation persists, **SEEK MEDICAL ATTENTION.**

INHALATION: Coal tar and aromatic solvent – acute effects caused from overexposure may include coughing, sneezing, and swollen or irritated nasal mucus and sinuses. Repeated and/or prolonged contact to high concentrations may result in toxic effects, such as respiratory difficulties, convulsions, and possible cardiovascular collapse may occur.

If inhale, remove to fresh air. If not breathing, give artificial respiration or oxygen as needed. **SEEK MEDICAL ATTENTION.**

INGESTION: Unlikely route of entry. 3-5 oz. may be fatal. Coal tar may cause gastrointestinal tract irritation followed by nausea and vomiting, abdominal discomfort, rapid pulse, etc. In extreme cases, cardiovascular collapse may occur.

If ingested, do NOT induce vomiting. Give water or clear liquids. **CONSULT LOCAL POISON CONTROL CENTER IMMEDIATELY!**

EYE CONTACT: Coal tar and aromatic solvent volatiles and mist may cause irritation to the eyes. Eye contact with product will result in irritation, which in the absence of recommended first aid can result in minor burns to eyes.

If eye contact occurs, flush with water or mineral oil for at least 15 minutes and **SEEK MEDICAL ATTENTION.** Inorganic particulates; quartz, etc., may cause mechanical irritation.

D: FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: > 105°F Tag Closed Cup LEL – 0.5% UEL 6.7%

HAZARDOUS PRODUCTS OF COMBUSTIONS: H₂S, CO, CO₂, SOX and PAH's

EXTINGUISHING MEDIA: Foam CO₂ or dry chemical extinguishers. Use bunker gear and self-contained breathing apparatus. There is a potential for containers to rupture violently in fires. Vapors from product may explode if ignited in a confined space.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not direct water on substance. Water and foam may cause frothing. Treat as a fuel fire.

E. HAZARDS INFORMATION

EMERGENCY OVERVIEW: Appearance and odor: A black, thick consistency liquid with an aromatic odor.

WARNING STATEMENTS: Combustible. Harmful or fatal if swallowed. Skin and eye irritant. Carcinogen.

F. PHYSICAL AND CHEMICAL DATA

CHEMICAL FORMULA: N/A, complex mixture

APPEARANCE: A black, thick consistency liquid

ODOR: Aromatic odor

pH: N/A

MELTING POINT (° F): N/A

DENSITY (lb/gal): Greater than 8.4

SOLUBILITY IN WATER: Less than 0.5%

Note: These physical and chemical data are typical values based on material testing, but may vary from sample-to-sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

G. REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: None

HAZARDOUS DECOMPOSITION PRODUCTS: H₂S, CO, CO₂, SOX and PAH's

MATERIALS TO AVOID: Strong oxidizers.

H. ENVIRONMENTAL INFORMATION

This product may cause adverse environmental effects if used improperly or release to the environment through a spill. Employ best management practices to prevent this materials from entering storm sewer systems, waterways or otherwise impacting plan and animal species.

I. PROTECTION AND PRECAUTIONS

VENTILATION: Ventilation may be used to reduce airborne concentrations. If ventilation cannot reduce airborne concentrations below acceptable limits, appropriate respiratory protection should be used.

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respiratory protective equipment when airborne exposure limits are exceeded.

EYE PROTECTION: Wear chemical splash goggles (ANSI Z87.1) o safety glasses when working with or transferring this product. **DO NOT WEAR CONTACT LENSES IN THE PRESENCE OF THIS MATERIAL UNLESS SPLASH GOGGLES ARE WORN.**

SKIN PROTECTION: Use chemical resistant gloves, to avoid prolonged or repeated skin contact. Use of protective creams and sunscreen agents are recommended. Protective or "barrier creams" form a film that acts both as a chemical and physical "barrier" between the skin and the contaminant and tends to resist penetration of the contaminant into the pores of the skin. In applying "barrier" creams, be sure the skin is clean and dry. Sunscreen agents filter out most of the ultra-violet rays from the sun.

AIRBORNE EXPOSURE LIMITS:

Coal Tar (coal tar pitch volatiles)
Aromatic solvent

OSHA PEL

0.2 mg/m³ as 8-hr TWA
100 ppm

ACGIH TLV

0.2 mg/m³ as 8-hr TWA
100 ppm

Note: All pigments, fillers, fibers and extenders in this product are totally encapsulated and do not pose a respirable dust hazard during installation and use of this product.

J. TRANSPORTATION INFORMATION

US DOT: Non-bulk packages are exempt from DOT HM-181 shipping regulations.

K. OTHER INFORMATION

This material has been defined as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 19101200).

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>
Suggested NFPA ¹ Rating	3	2	0
Suggested HMIS ¹ Rating	3	2	0

¹Hazard Ratings: least = 0; slight = 1; moderate = 2; high = 3; extreme = 4 Based on NPCA guidelines

L. DISCLAIMER

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