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# Safety Data Sheet

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**1: IDENTIFICATION AND EMERGENCY INFORMATION**

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**PRODUCT NAME: ST150, ST300**

**MANUFACTURER'S NAME:** Barrett Company, Inc.  
33 Stone House Road  
Millington, NJ 07946

**CHEMTREC EMERGENCY PHONE:** 800-424-9300  
**INFORMATION PHONE:** 800-647-0100  
**DATE PREPARED:** February 2002, reviewed May 2014

**Recommended Use:** A component part of commercial asphalt Built-Up Roof Membrane

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

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**2: HAZARDS IDENTIFICATION**

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Appearance and Odor: Brown/black viscous liquid, with an asphalt odor which may be released upon heating or burning of product.

Under normal conditions of use, this product is not expected to create any unusual emergency hazards.

NOTE: Hydrogen Sulfide (H<sub>2</sub>S), an extremely toxic gas, may be emitted from heated asphalt and may accumulate in storage tanks and other confined spaces. At low concentrations, H<sub>2</sub>S is irritating to the eyes, nose and throat, and at high concentrations (>500 ppm) can cause rapid unconsciousness and death. The odor of H<sub>2</sub>S cannot be used as an indicator of exposure because the gas causes rapid olfactory fatigue which deadens the sense of smell. Use this product only under well-ventilated working conditions.

Skin irritation may be treated by gently washing affected area with soap and warm water.

Flushing eyes with large amounts of water may treat eye irritation. If irritation persists, contact a physician.

In the event of fire, follow normal firefighting procedures to prevent inhalation of smoke and gases.

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**3: COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>Component</u>	<u>CAS #</u>	<u>PERCENT</u>
Polymer	N/A	1-15%
Asphalt Flux	8052-42-4	10-30%
Oxidized Asphalt	64742-93-4	55-89%

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**4: FIRST AID MEASURES**

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**Eye Contact:** In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Get medical attention.

**Skin Contact:** If material is hot, cool and allow medical personnel to remove clothing. If material is not hot, remove and isolate contaminated clothing and shoes at the site. Immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water.

**Inhalation:** Move victim to fresh air and call emergency medical care. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

**Ingestion:** Do not give anything by mouth to an unconscious victim. Do not induce vomiting. Get medical attention.

**Absorption:** Not applicable.

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**5:****FIRE FIGHTING MEASURES**

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**Flash Point:** min 500°F

**Method Used:** Cleveland Open Cup

**Upper Flammable Limits (UFL):** Not Determined

**Lower Flammable Limit (LFL):** Not Determined

**Auto Ignition:** Not Determined

**Flammability Classification:** Not Determined

**Rate of Burning:** Not Determined

**General Fire Hazards:** There is potential for fire or explosion when heated.

**Hazardous Combustion Products:** Burning of this material will produce thick, black smoke.

**Extinguishing Media:** Use water spray, dry chemical, foam and carbon dioxide. Use water spray or fog; do not use straight streams.

**Special Fire Fighting Procedures:** Combustible. Avoid breathing fumes. Firefighters should not enter confined spaces without wearing NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment. Use water to keep fire-exposed containers cool.

**Unusual Fire or Explosion Hazards:** Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to a source of ignition and flash back. Vapors are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Liquid is lighter than water. May be transported hot.

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**6:****ACCIDENTAL RELEASE MEASURES**

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**Containment Procedures and Clean-Up Procedures:** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other noncombustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. For large spills, dike far ahead of liquid spill for later disposal. Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40CFR261). Comply with state and local regulations for disposal of these products. If you are unsure of the regulations, contact your local Public Health Department or the local office of the Environmental Protection Agency (EPA).

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**7:****HANDLING AND STORAGE**

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No Information.

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**8:****EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Respiratory:** Normally not needed in well-ventilated areas. If applicable standards are exceeded or are likely to be exceeded, use a NIOSH/MSHA approved, contaminant-specific, air-purifying respirator. If such concentrations are sufficiently high so that a respirator is inadequate or high enough to cause oxygen deficiency, use a positive pressure self-contained breathing apparatus (SCBA). Follow all applicable respirator use, fitting and training standards and regulations.

**Ventilation:** Recommended. Use explosion-proof type.

**Eye/Face Protection:** Safety glasses with side shields are recommended.

**Skin:** Nitrile, Neoprene

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**9: PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance and Odor:** Brown/black viscous liquid

**Physical State:** Liquid (Hot)/Solid (Cold)

**Vapor Pressure:** < 1

**Boiling Point:** N/A

**Solubility (H<sub>2</sub>O):** Nil

**Freezing Point:** Not Determined

**Evaporation Rate:** Not Applicable

**Percent Volatile:** 0

**Odor:** Asphalt Odor

**pH:** Not Applicable

**Vapor Density:** Not Applicable

**Melting Point:** 185-225°F

**Specific Gravity:** 1.03-1.06

**Solids Content:** Not Applicable

**Viscosity:** Not Applicable

**VOC:** Not Applicable

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**10: STABILITY AND REACTIVITY INFORMATION**

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**Chemical Stability:** Stable

**Incompatibility:** A very dangerous fire and explosion hazard when exposed to heat or flame; can react vigorously with oxidizing materials.

**Hazardous Decomposition Products:** Burning can produce carbon monoxide and carbon dioxide. Carbon monoxide is highly toxic if inhaled (200 ppm OSHA Ceiling). Carbon dioxide in sufficient quantities can act as an asphyxiate. When heated to decomposition it emits smoke and irritating acrid fumes.

**Hazardous Polymerization:** Will not occur.

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**11: TOXICOLOGICAL INFORMATION**

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**Carcinogenicity:** The following components are considered to be carcinogenic by the National Toxicology Program, the International Agency for Research on Cancer and/or the Occupational Safety and Health Administration.

**Component Carcinogenicity:** Asphalt – Suspected carcinogen with experimental carcinogenic and tumorigenic data. A moderate irritant.

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**12: ECOLOGICAL INFORMATION**

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**General Product Information:** No additional information available.

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**13: DISPOSAL CONSIDERATIONS**

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**General Product Information:** This product, as supplied, is not regulated as a hazardous waste by the EPA under RCRA regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the EPA.

**Disposal Instruction:** Dispose of waste material according to local, state, federal and provincial environmental regulations.

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**14: TRANSPORTATION INFORMATION**

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This product is not classified a hazardous material for transport.

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**15:****REGULATORY INFORMATION**

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**Toxic Substances Control Act (TSCA):** The components in this product are listed on the TSCA Inventory.

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):** None

**Superfund Amendments and Reauthorization Act of 1986 (SARA), Title III:**

**Section 302 extremely hazardous substances:** None

**Section 311-312 Hazard Categories:**

Immediate Health – Yes

Chronic - Yes

Fire Hazard – Yes

Sudden Release of Pressure – No

Reactive - No

**Section 313 Reportable Ingredients:**

Polycyclic Aromatic Compounds (N590) – 100 ppm.

Benzo (g,h,i) perylene (191-24-2) – 10 ppm.

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**16:****OTHER INFORMATION**

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**Date Prepared:** February 2002, reviewed May 2014

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