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40**MATERIAL SAFETY DATA SHEET****QUICK IDENTIFIER (In Plant Common Name):**

Rufco 2000B, 3000B, 4000B

**Manufacturer's****Name:** RAVEN INDUSTRIES INC.**Address:**P.O. Box 5107  
Sioux Falls, SD 57117**Emergency**

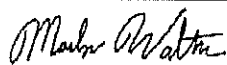
800-635-3456

**Telephone Numbers:**

605-335-0174

**Other****Information:** 1812 "I" Avenue

Sioux Falls, SD 57104

**Signature of Person****Responsible for Preparation:****Date:****Prepared:**

August 10, 2001

**Section 1 - IDENTITY****Common Name: (Used on Label):** Rufco 2000B, 3000B, 4000B**CAS:** 26221-73-8 1333-86-4**(Trade Name & Synonyms):****Number(s):** 25213-02-9**Chemical:****Name:** Copolymer of Ethylene and Octene-1**Chemical:****Family:** Polyolefin**Formula:**

(C112 - C112)n

**Section 2 - HAZARDOUS INGREDIENTS****Principal Hazardous Component(s) - Chemical and Common Name****%****Threshold Limit Value (units)**

None

**Section 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)****Boiling Point:** Not Applicable (N/A) **Specific Gravity:** 0.93 **Vapor Pressure, mmHg:** N/A**Percent Volatile by Volume (%):** 0 **Vapor Density:** N/A **Evaporation Rate:** N/A**Solubility in water:** Insoluble in Water **Reactivity in water:** Not Reactive in Water**Appearance and Odor:** Black, odorless plastic film.**Flash Point:** N/A **Flammability Limits Lower:** N/A **Upper:** N/A **Auto Ignition Temperature:** > 650 F (estimated)**Extinguisher Media:** Use water spray, dry chemical, foam or carbon dioxide**Special Fire****Fighting Procedure:** Fire fighters should wear a self-contained breathing apparatus when there is a possibility of exposure to smoke, fumes or hazardous decomposition products. If possible, water should be applied as a spray from a fogging nozzle since this material is a surface burning material.**Unusual Fire and****Explosion Hazards:** None**Section 4 - PHYSICAL HAZARDS****Stability:** Unstable **Conditions to Avoid:** Temperatures over 570 F will release combustible gases.  
Stable X**Incompatibility (Materials to Avoid):** None**Hazardous Decomposition Products:** The following combustion products may be generated: Carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.**Hazardous Polymerization:** May Occur **Conditions to Avoid:** N/A**Polymerization:** Will not Occur X

**Section 5 - HEALTH HAZARDS**

Threshold N/A

Limit Value

**Signs and Symptoms of Exposure**

1. Acute	Not Determined	2. Chronic	Not Determined
Overexposure		Overexposure	

Medical Conditions Generally There are no known medical conditions aggravated by exposure to this product.

**Aggravated by Exposure**

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Not Listed	L.A.R.C. Monographs	Not Listed	OSHA	Not Listed
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OSHA Permissible Exposure Limit	None	ACGIH Threshold Limit Value	None	Other Expos. Limit Used	None
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Emergency and First Aid Procedures Most problems will result from exposure to molten materials.

**First Aid Procedures**

1. Inhalation Immediately remove victim from area to fresh air. Seek medical attention.

2. Eyes If contacted by molten material, immediately flush eyes with plenty of cool water for at least 15 minutes. Do not permit victim to rub eyes. Immediately seek medical attention.

3. Skin If contact by molten material, cool immediately with cool water. Do not attempt to remove any solidified material. Immediately seek medical attention.

4. Ingestion If material is ingested, contact a physician or Poison Control Center as appropriate whenever any foreign object is swallowed.

**Section 6 - SPECIAL PRECAUTIONS INFORMATION****Respiratory Protection**

(Specify Type) N/A

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
N/A	N/A	N/A	N/A	N/A

Protective Gloves	Wear protective gloves during thermal processing.	Eye Protection	Wear eye protection during thermal processing.
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Other Protective Clothing or Equipment Wear protective sleeves when processing material at elevated temperatures to minimize the possibility of thermal burns.

**Section 7 - SPECIAL PRECAUTIONS AND SPILL/AID KIT PROCEDURES****Precautions to be Taken**

In Handling and Storage This product should be stored in a manner that they are not exposed to ultra-violet light, excessive moisture, heat and sources of ignition. A static charge may be present on finished products.

Other Precautions None

**Steps to be Taken In Case**

Material is Released or Spilled Spilled material should be swept up and discarded. Comply with applicable federal, state or local regulations.

**Waste Disposal**

Methods Dispose in accordance with local regulations

IMPORTANT - Do not leave blank spaces. If information is unavailable, unknown or does not apply, so indicate