

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

Rufco Wrap

3WPF

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** 1813 "E" Avenue
Sioux Falls, SD 57104**Signature of Person****Responsible for Preparation****Date****Prepared**

April 4, 2007

Section 1 - IDENTITY**Common Name: (Used on Label)** Rufco Wrap**(Trade Name & Synonyms)****Chemical****Name** Polyethylene**Formula** (CH₂ - CH₂)_n**CAS** 9002-88-4**Number(s)****Chemical****Family** Polyolefin**Section 2 - HAZARDOUS INGREDIENTS****Principal Hazardous Component(s) - Chemical and Common Name % Threshold Limit Value (units)**

This material is not considered hazardous by OSHA (29CFR 1910.1200)

Section 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)**Boiling Point** Not Applicable (N/A) **Specific Gravity** 0.93-1.10 **Vapor Pressure, mmHg** N/A**Percent Volatile by Volume (%)** N/A **Vapor Density** N/A **Evaporation Rate** N/A**Solubility in Water** Insoluble in Water **Reactivity in Water** Not reactive in water**Appearance and Odor** White, odorless microperforated plastic film.**Flash Point** N/A **Flammability Limits Lower Upper** N/A N/A **Auto Ignition Temperature** 635 F**Extinguisher Media** Use water spray, dry chemical, foam or carbon dioxide**Special Fire****Fighting Proced.** 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 Stable **Conditions to Avoid** Temperatures over 570 F will release combustible gases**Incompatibility (Materials to Avoid)** Strong oxidizing agents**Hazardous Decomposition Products** Combustion will produce CO₂, CO and organic vapors**Hazardous Polymerization** May Occur Will not Occur **Conditions to Avoid** N/A

Section 5 - HEALTH HAZARDS**Threshold** N/A**Limit Value****Signs and Symptoms of Exposure**

1. Acute	Thermal burns will result from contact	2. Chronic	Not Determined
Overexposure	with molten material	Overexposure	

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

Chemical Listed as Carcinogen	National Toxicology	Not	L.A.R.C.	Not	OSHA	Not
or Potential Carcinogen	Program	Listed	Monographs	Listed		Listed

OSHA Permissible	None	ACGIH Threshold	None	Other Expos.	None
Exposure Limit		Limit Value		Limit Used	

Emergency and Most problems will result from exposure to molten materials.**First Aid Procedures****1. Inhalation** not applicable**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 PROTECTION 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	Wear protective gloves during thermal	Eye	Wear eye protection during thermal
Gloves	processing.	Protection	processing.

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 / LEAK PROCEDURES****Precautions to be Taken****in Handling and Storage** This product should be stored in a manner that it is not exposed to heat and sources of ignition handling operations. No special storage requirements.**Other Precautions** None**Steps to be Taken in Case****Material is Released or Spilled** not applicable**Waste Disposal****Methods** Dispose in accordance with local, state and federal regulations**IMPORTANT - Do not leave blank spaces. If information is unavailable, unknown or does not apply, so indicate**