

MATERIAL SAFETY DATA SHEET**QUICK IDENTIFIER (In Plant Common Name)****Dura-Skrim K30B, K36B, K40B, K45B**

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

Emergency Telephone Numbers 800-635-3456
 605-335-0174
Other Information 1813 "E" Avenue
 Sioux Falls, SD 57104

Signature of Person Responsible for Preparation 

Date Prepared April 15, 2011

Section 1 - IDENTITY

Common Name: (Used on Label) Dura-Skrim K30B, K36B, K40B, K45B
(Trade Name Synonyms)
Chemical Name Copolymer of Ethylene and Octene-1 film
 Polyester fiber
Formula (CH₂ - CH₂)_n

CAS Number(s) 26221-73-8 25213-02-9 1333-86-4
 25038-59-9
Chemical Family Polyolefin
 Polyester Carbon Black

Section 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) - Chemical and Common Name(s) % **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** N/A **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** N/A

Appearance and Odor Black, odorless reinforced plastic film.

Flash Point N/A **Flammability Limits in Air, by Volume (%)** **Lower** N/A **Upper** N/A **Auto Ignition Temperature** >660°F (estimate based upon raw material AIT)

Extinguisher Media Use water spray, dry chemical

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 Known

Section 4 - PHYSICAL HAZARDS

Stability	Unstable		Conditions to Avoid Temperatures over 570°F may release combustible gases.
	Stable	X	

Incompatibility (Materials to Avoid) none known

Hazardous Decomposition Products Combustion will produce CO₂, CO and organic vapors

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will not Occur	X	

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

1. Acute	N/A	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.**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** N/A**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 Gloves	During thermal processing	Eye Protection	During thermal processing
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Other Protective Clothing or Equipment N/A**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. A static charge may be present on finished products.**Other Precautions** None**Steps to be Taken in Case** None**Material is Released or Spilled****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**