

NFPA CODE: (Health: 0) (Flammability: 1) (Reactivity: 0)

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS#	RANGE % BY WT.
Polypropylene	9003-07-0	90-99.5
Polyethylene	9002-88-4	0 - 8
Lubricants - Fatty acids or esters	Blend	0 - 1.5
UV Stabilizers*	Various	0 - 0.9
Pigments*	Various	0 - 1.0
Carbon black*	1333-86-4	0 - 2.0

*This component is encapsulated in polyolefin resin. See Section 8.0, "Exposure Controls/Personal Protection," for exposure guidelines.

4.0 FIRST AID MEASURES

EYE: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

SKIN: Wash exposed skin with soap and water. Get medical attention if irritation develops.

INHALATION: If adverse effects occur, remove to uncontaminated area. Get medical attention.

INGESTION: If a large amount is swallowed, get medical attention.

5.0 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: Agents approved for Class A hazards (e.g., foam, steam) or water fog.

FIRE FIGHTING: Move material from fire area if it can be done without risk. Avoid inhalation of combustion by-products. Stay upwind and keep out of low areas.

SENSITIVITY TO MECHANICAL IMPACT: Not sensitive.

SENSITIVITY TO STATIC DISCHARGE: Not sensitive.

FLASH POINT: >600°F (315°C)

UNUSUAL FIRE AND EXPLOSION HAZARDS: None identified.

FIRE-FIGHTING EQUIPMENT: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

6.0 ACCIDENTAL RELEASE MEASURES

Contain and remove by mechanical means.

7.0 HANDLING AND STORAGE

HANDLING: No special requirements.

STORAGE: No special requirements.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE: None required; however, use of eye protection is good industrial practice.

SKIN: None required; however, use of protective gloves/clothing is good industrial practice.

INHALATION: None required; however, use of adequate ventilation is good industrial practice.

ENGINEERING CONTROLS: Control airborne concentrations below the exposure guidelines.

COMPONENT	CAS#	Exposure Limits
Polypropylene	9003-07-0	OSHA TOTAL DUST: 15 mg/m ³ (particulate NOC) OSHA RESPIRABLE DUST: 5 mg/m ³ (Particulate NOC) ACGIH TLV-TWA: 10 mg/m ³ (total dust) (particulate NOC)
Polyethylene	9002-88-4	No limit established
Lubricants – Fatty acids or esters	Blend	No limit established
UV Stabilizers*	Various	No limit established
Pigments*	Various	No limit established
Carbon black*	1333-86-4	OSHA PEL: 3.5 mg/m ³ ACGIH TWA: 3.5 mg/m ³ (data for powder)

*This component is encapsulated in polyolefin resin and does not possess the same hazards as the powdered, pure material.

9.0 CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Woven or nonwoven fabric. Odorless.

COLOR: black, white, or tan, or combinations thereof.

pH: Not applicable.

VAPOR PRESSURE: Not applicable.

VAPOR DENSITY: Not applicable.

BOILING POINT: Not applicable.

MELTING POINT: 320° F (160° C).

SOLUBILITY IN WATER: Negligible, below 0.1%.

SPECIFIC GRAVITY (WATER = 1): 0.9

COEFFICIENT of WATER/OIL DISTRIBUTION: Not available.

10.0 STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: None identified.

MATERIALS TO AVOID: None identified.

HAZARDOUS DECOMPOSITION: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

HAZARDOUS POLYMERIZATION: Will not occur.

11.0 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA:

EYE IRRITATION: Testing not conducted. See Other Toxicity Data.

SKIN IRRITATION: Testing not conducted. See Other Toxicity Data.

DERMAL LD50: Testing not conducted. See Other Toxicity Data.

ORAL LD50: Testing not conducted. See Other Toxicity Data.

INHALATION LC50: Testing not conducted. See Other Toxicity Data.

OTHER TOXICITY DATA: Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

Because the carbon black, other pigments (if present), and UV stabilizers are encapsulated in the resin, the health effects mentioned below would not be expected under conditions of normal use.

This product may contain carbon black. Carbon black (by itself) has been shown to cause lung tumors in rats at high exposure concentrations. These concentrations exceed the capacity of the lung to clear the carbon black particles, thus resulting in significant toxicity. The International Agency for Research on Cancer (IARC) has evaluated carbon black and found it to be possibly carcinogenic to humans (Group 2B).

12.0 ECOLOGICAL INFORMATION

Propex has not conducted ecological testing on this material.

13.0 DISPOSAL INFORMATION

Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

14.0 TRANSPORTATION INFORMATION

U.S. DEPT OF TRANSPORTATION

Shipping Name: Not Regulated.

INTERNATIONAL INFORMATION:

Sea (IMO/IMDG)

Shipping Name: Not Regulated.

Air (ICAO/IATA)

Shipping Name: Not Regulated.

European Road/Rail (ADR/RID)

Shipping Name: Not Regulated.

Canadian Transportation of Dangerous Goods

Shipping Name: Not Regulated.

15.0 REGULATORY INFORMATION

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4): This product is not reportable under 40 CFR Part 302.4

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370): This product may contain ingredients in the fiber lubricant package that are listed under SARA Sections 311/312: Acute Health Hazard. However at levels below 1% of the product weight, it is not anticipated that a "Reportable Quantity" threshold will be reached with typical fabric inventories.

SARA TITLE III SECTION 313 (40 CFR Part 372): This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

CANADIAN REGULATIONS:

CONTROLLED PRODUCTS REGULATIONS (CPR): This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR), and the MSDS contains all the information required by CPR.

WHMIS CLASSIFICATION: Not a Controlled Product under Canada's Workplace Hazardous Materials Information System.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): Listed on inventory.

EC INVENTORY (EINECS/ELINCS): Not determined.

JAPAN INVENTORY (MITI): Not determined.

AUSTRALIA INVENTORY (AICS): In compliance.

KOREA INVENTORY (ECL): Not determined.

CANADA INVENTORY (DSL): In compliance.

16.0 OTHER INFORMATION

Issued: August 1, 2006

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1-2004

NOTICE: This publication should not be construed as engineering advice. While information contained in this publication is accurate to the best of our knowledge, Propex does not warrant its accuracy or completeness. The ultimate customer and user of the products should assume sole responsibility for the final determination of the suitability of the information and the products for the contemplated and actual use. The only warranty made by Propex for its products is set forth in our product data sheets for the product, or such other written warranty as may be agreed by Propex and individual customers. Propex specifically disclaims all other warranties express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage of trade.