



## MATERIAL SAFETY DATA SHEET

### **POLYBAC<sup>®</sup> Primary Carpet Backing**

MSDS No. 05901 PolyBac US\_CAN

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#### 1.0 PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER/SUPPLIER:**

Propex Operating Company, LLC  
6025 Lee Hwy, Suite 425  
P. O. Box 22788  
Chattanooga, TN 37422  
Tel: 1.800.621.0444

**EMERGENCY RESPONSE NUMBER:**

1.800.424.9300 North America  
1.703.527.3887 International

**PRODUCT NAME: POLYBAC<sup>®</sup> (all styles)**

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#### 2.0 HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product has been evaluated and does not require a hazard warning on the label under OSHA criteria. It is an article and, as such, is excluded per 29 CFR 1910.1200(b)(6)(v) of the OSHA Hazard Communication Standard.

**POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in the eye.

**SKIN CONTACT:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin.

**INHALATION:** No significant irritation expected other than possible mechanical irritation.

**INGESTION:** No significant health hazards identified.

**HMIS CODE:** (Health: 0) (Flammability: 1) (Reactivity: 0)

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

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### 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS#	RANGE % BY WT.
Polypropylene	9003-07-0	95-99
Lubricants: Fatty acids and/or esters	Blend	0.2 - 2
Pigments*	Mixture	0 - 2
Carbon black*	1333-86-4	0 - 0.2

(These components are encapsulated in polyolefin resin. See Section 8.0, "Exposure Controls/Personal Protection," for exposure guidelines)

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### 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.

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### 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.

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## 6.0 ACCIDENTAL RELEASE MEASURES

Contain and remove by mechanical means.

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## 7.0 HANDLING AND STORAGE

**HANDLING:** No special requirements.

**STORAGE:** No special requirements.

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## 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 <sup>3</sup> (particulate NOC) OSHA RESPIRABLE DUST: 5 mg/m <sup>3</sup> (Particulate NOC) ACGIH TLV-TWA: 10 mg/m <sup>3</sup> (total dust) (particulate NOC)
Lubricants: Fatty acids and/or esters	Blend	No exposure limit established
Pigments*	Mixture	No exposure limit established
Carbon black*	1333-86-4	OSHA PEL: 3.5 mg/m <sup>3</sup> ACGIH TWA: 3.5 mg/m <sup>3</sup> (data for powder)

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

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## 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**APPEARANCE AND ODOR:** Woven fabric. Odorless.

**COLOR:** Beige, black, white, or green, 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.

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## 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

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## 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 and other pigments, if present, 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).

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## **12.0 ECOLOGICAL INFORMATION**

Propex has not conducted ecological testing on this material.

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## **13.0 DISPOSAL INFORMATION**

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

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## **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

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## **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 is not regulated under SARA Title III Section 311/312.

**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

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## 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***

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