



# **Material SAFETY DATA SHEET**

**PETROMAT®**  
Civil Engineering Fabric  
MSDS No. 06054000 ANSI/ENGLISH

## **1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME: PETROMAT®**

**MANUFACTURER/SUPPLIER:**

Amoco Fabrics & Fibers Company  
260 The Bluffs  
Austell, GA 30168  
Tel. 770-941-1711

Part of the BP Amoco Group

**EMERGENCY HEALTH INFORMATION:**

1 (800) 447-8735

**EMERGENCY SPILL INFORMATION:**

1 (800) 424-9300 *CHEMTREC* (USA)

**OTHER PRODUCT SAFETY INFORMATION:**

630-836-5441

## **2.0 COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS#	Range % by Wt.
Polypropylene	9003-07-0	
Polyolefin pigments		

(See Section 8.0, "Exposure Controls/Personal Protection", for exposure guidelines)

## **3.0 HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:**

This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

**POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** No significant health hazards identified.

**SKIN CONTACT:** No significant health hazards identified.

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

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

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

**NFPA CODE:** (Health:0) (Flammability:I) (Instability:0)



## ***4.0 FIRST AID MEASURES***

**EYE:** Flush eyes with plenty of water.

**SKIN:** Flush exposed skin with plenty of water.

**INHALATION:** If adverse effects occur, remove to uncontaminated area.

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

## ***5.0 FIREFIGHTING MEASURES***

**FLASHPOINT:** 690 °F (365 °C)

**UEL:** Not determined.

**LEL:** Not determined.

**AUTOIGNITION TEMPERATURE:** Not determined.

**FLAMMABILITY CLASSIFICATION:** None.

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None identified.

**FIREFIGHTING 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***

Not Applicable.

## ***7.0 HANDLING & 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 eye protection is good industrial practice.

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

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure guidelines.

**EXPOSURE GUIDELINES:** No special requirements.



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)
Polyolefin pigments		No exposure limit established

## **9.0 CHEMICAL AND PHYSICAL PROPERTIES**

**APPEARANCE AND ODOR:** Fabric. Black. Colorless.

**pH:** Not determined.

**VAPOR PRESSURE:** Not determined.

**VAPOR DENSITY:** Not determined.

**BOILING POINT:** Not determined.

**MELTING POINT:** 330 °F (165 °C)

**SOLUBILITY IN WATER:** Negligible, below 0.1%.

**SPECIFIC GRAVITY (WATER-1):** 0.9

## **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 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.

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).



## ***12.0 FIRST AID MEASURES***

**Ecotoxicity Test Data:** Testing not conducted. See Other Ecological Information.

**Biodegradation Potential:** Testing not conducted. See Other Ecological Information.

**Bioconcentration Potential:** Testing not conducted. See Other Ecological Information.

**Other Ecological Information:** Specific tests have not been conducted on this product. Our ecological evaluation uses information from similar products, the ingredients, technical literature and/or professional experience.

No significant ecological hazards are expected. This product has a polymeric structure with a molecular size that is too large to be bioavailable. Therefore it is not expected to exert toxicity to organisms, nor be biologically available for uptake and bioconcentration.

The polymeric structure of this product suggests that it will not be easily biodegraded by organisms. This product is likely to be stable under environmental conditions.

## ***13.0 DISPOSAL INFORMATION***

Disposal must be in accordance with applicable federal, state, or local regulations.

## ***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 determined.

#### **Canadian Transportation of Dangerous Goods**

Shipping Name Not determined.



## **15.0 REGULATORY INFORMATION**

**CERCLA SECTIONS 10221103 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. I

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

**OSHA HAZARD COMMUNICATION STANDARD:** Not hazardous per 29 CFR 1910.1200(d).

**EC INVENTORY (EINECS/ELINCS):** Not determined.

**JAPAN INVENTORY (MITI):** Not determined.

**AUSTRALIA INVENTORY (AICS):** Not determined.

**KOREA INVENTORY (ECL):** Not determined.

**CANADA INVENTORY (DSL):** Not determined.

**PHILIPPINE INVENTORY (PICCS):** Not determined.

## **16.0 OTHER INFORMATION**

**Prepared by:** Environment, Health and Safety Department

**Issued:** July 26, 1999

**Supersedes:** January 8, 1996

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*This material Safety Data Sheet conforms to the requirements of ANSI Z400.1.*

*This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. NO statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.*