



## **MATERIAL SAFETY DATA SHEET**

**PETROTAC®**

**MSDS No. 11397 US/ENGLISH**

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

**PRODUCT NAME:** PETROTAC®

**MANUFACTURER/SUPPLIER:**

Propex Fabrics Inc  
America 260 The Bluffs  
Austell, GA 30168  
Tel. 770-941-1711

**EMERGENCY RESPONSE NUMBER:**

1-800-424-9300 North  
1-703-527-3887 International

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

Component	CAS #	Range % by Wt.
Asphalt	8052-42-4	50-55
Silica (quartz)	14808-60-7	10-15
Polypropylene	9003-07-0	10-15

(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. 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. See "Toxicological Information" section (Section 11.0).

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

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

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

## **4.0 FIRST AID MEASURES**

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

**SKIN:** Wash exposed skin with soap and water.

**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**

**FLASHPOINT:** 430°F(221 °C) ASTM D92

**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.

**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:** Use with adequate ventilation. Do not breathe dust. If ventilation is inadequate, use NIOSH certified respirator that will protect against dust/mist.

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

### EXPOSURE GUIDELINES:

Component	CAS #	Exposure Limits
Asphalt	8052-42-4	ACGIH TLV-TWA: 0.5 mg/m <sup>3</sup> (petroleum asphalt fume)
Silica (quartz)	14808-60-7	OSHA RESPIRABLE DUST: 0.05 MG/M3 (1989); 10 mg/ m <sup>3</sup> [2+%Quartz+2(%Cristobalite)] (1971) ACGIH TLV-TWA: 0.05 mg/ m <sup>3</sup> (respirable dust)
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)

## 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**APPEARANCE AND ODOR:** Fabric.

**pH:** Not applicable.

**VAPOR PRESSURE:** Not determined.

**VAPOR DENSITY:** Not determined.

**BOILING POINT:** Not applicable.

**MELTING POINT:** Not determined.

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

**SPECIFIC GRAVITY (WATER=1):** 0.91

## 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.

This product contains materials, which have been identified as producing cancer in laboratory animals or humans. However, these materials are embedded in the polypropylene/polyester fabric matrix and not expected to be available for human contact under intended use conditions.

This product contains crystalline silica, which has been shown to cause silicosis in humans that have been exposed for prolonged periods. Silicosis is a progressive fibrosis of the lung that can severely diminish the lung capacity. The International Agency for Research on Cancer (IARC) has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1). However, there were indications that this health risk was associated with particular industries/processes (i.e., miners and brickworkers), which suggests that only specific forms of silica may be a hazard.

Laboratory animals exposed to repeated applications of asphalt materials for their entire lifetime have developed skin tumors primarily at the site of application. The asphalt material was not washed off between exposures. Intermittent or occasional skin contact with petroleum asphalts is not expected to have serious health effects as long as good personal hygiene measures, such as those outlined in this material safety data sheet, are followed.

No carcinogenic effects were observed during lifetime inhalation studies with laboratory animals, although lung damage in the test animals was observed. Findings included bronchitis, pneumonitis and abscess formation, among others, similar to problems caused by other non-specific irritants.

The International Agency for Research on Cancer has found that there is limited evidence of carcinogenicity for undiluted steam-refined asphalts in laboratory animals, but inadequate evidence of carcinogenicity for undiluted steam-refined asphalts in humans.

## **12.0 ECOLOGICAL INFORMATION**

Ecological testing has not been conducted on this material by Propex Fabrics Inc.

## **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 determined.

#### Air (ICAO/IATA)

**Shipping Name** Not determined.

#### European Road/Rail (ADR/RID)

**Shipping Name** Not determined.

#### Canadian Transportation of Dangerous Goods

**Shipping Name** Not determined.

## 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.

This product contains ingredient(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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

**OSHA HAZARD COMMUNICATION STANDARD:** This product is an article and, as such, is excluded per 29 CFR 1910.1200(b)(6)(v).

**EC INVENTORY (EINECS/ELINCS):** Listed on inventory.

**JAPAN INVENTORY (MITI):** Listed on inventory.

**AUSTRALIA INVENTORY (AICS):** Listed on inventory.

**KOREA INVENTORY (ECL):** Listed on inventory.

**CANADA INVENTORY (DSL):** Listed on inventory.

**PHILIPPINE INVENTORY (PICCS):** Listed on inventory.

## **16.0 OTHER INFORMATION**

**Prepared by:**

Product Stewardship & Toxicology

**Issued:** April 12, 2001

**Supersedes:** July 26, 1999

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

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.