



## Material Safety Data Sheet

**IDENTITY: Mechanical Fibers**

**Date Issued: 11/30/10**

### SECTION I

**Manufacturer:** Apex Resources Inc.  
5546 Shepherdsville Road  
Louisville, KY 40228  
Tel: 502-964-7521 Fax: 502-964-7524  
**Emergency Phone:** 502-964-7521  
**Email:** info@apexr.com

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**Common Name:** Polypropylene fibers

**Composition:** Polypropylene

**CAS Number:** 9003-70-0, 100%

**Exposure Limits:** Not established

### SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

**Boiling Point (F):** Not determined

**Vapor Pressure (mm Hg):** Not determined

**Vapor Density (air=1):** N/A

**Appearance & Odor:** Colorless and odorless

**Melting Point:** 320 F, (160 C)

**Specific Gravity (H<sub>2</sub>O=1.0) .91**

**Solubility in water:** Negligible, below 0.1%

**pH:** Not determined

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## SECTION IV – FIRE AND EXPLOSIVE HAZARD DATA

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

**Flash Point:** 430 F (221 C) ASTM D92

**LEL:** Not determined

**UEL:** Not determined

**Autoignition Temperature:** Not determined **Flammability Classification:** None

**Extinguishing Media:** Agents approved for Class A hazards. Example: halogenated agents, 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.

**Accidental Release Measures:** Contain and remove by mechanical means.

## SECTION V – STABILITY AND REACTIVITY DATA

**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.

### **Toxicological Information:**

**Acute Toxicity Data:** Testing not conducted: (Eye Irritation, Skin Irritation, Dermal LD50, Inhalation LC50) See other toxicity data.

**Other Toxicity Data:** Specific toxicity test 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.

### **Ecological Information:**

Ecological testing has not been conducted on this product.

### **Disposal Information:**

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

## SECTION VI – 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:** Wash exposed skin with soap and water. Get medical attention if irritation persists.

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

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

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## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

### **Handling and Storage:**

**Handling:** No special requirements.

**Storage:** No special requirements.

### **Exposure Controls/Personal Protection:**

**Eye:** None required. Use of eye protection is good industrial practice.

**Skin:** None required. Use of protective gloves/clothing is good industrial practice.

**Inhalation:** None required. Use of adequate ventilation is good industrial practice.

**Engineering Controls:** Control airborne concentrations below the exposure guidelines.

## SECTION VIII – CONTROL MEASURES

**Respiratory Protection:** Use dust mask or respirators

**Ventilation:** Use in well ventilated areas  
leather

**Other Protective equipment:** None

**Eye Protection:** Chemical/safety goggles

**Protective Gloves:** Rubber, plastic,

### Other Information:

**Disclaimer:** All information recommendations and suggestions herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine the safety toxicity and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by other is beyond the MSDS developer's control, no guarantee, expressed or implied is made by the manufacturer as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does the manufacturer assume any liability arising out of use by other of the product referred to herein. This MSDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriated warnings and safe handling procedures should be provided to handlers and users.