

### FRICION REDUCTION PILE SLEEVE

#### Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **Yellow Jacket Friction Reduction Pile Sleeve**

Supplier: Foundation Technologies, Inc.      Emergency Response Number  
1400 Progress Industrial Blvd.      (800) 222-5116  
Lawrenceville, GA 30043

#### Section 2. Composition and Information on Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>
9010-79-1	Polypropylene Copolymer
9003-07-0	Polypropylene Homopolymer

#### Section 3 Hazard Identification

##### Emergency Overview

The Polypropylene Copolymer sheet is not expected to be an inhalation hazard under normal processing conditions. If the material is processed under prolonged exposure to flame or high Temperature, thermal burns may occur to the skin, and gasses may be produced that are irritating to the respiratory system.

##### Potential Health Effects

Eye, skin and inhalation due to exposure to flame (molten plastic).

##### Primary Routes of Exposure

Routes of entry could include eye, skin and inhalation, due to exposure to flame, (molten plastic).

##### Potential Environmental effects

If processed scrap is controlled by the customer, no negative ecological effects are expected.

#### Section 4 First-Aid Measures

##### Inhalation

Remove affected individual to fresh air, seek medical attention if difficulties in breathing occur.

##### Skin

If skin has contact with molten material, place affected area under cold running water. Seek medical attention for removal of material from the affected area.

##### Eyes

If there is contact to the eyes with molten material, rinse with plenty of water and seek immediate medical attention. If fines enter the eye, rinse with water for 15 minutes and seek immediate medical attention if irritation develops.

#### Section 5 Fire-Fighting Measures

##### Suitable Extinguishing Media

Dry extinguisher, water, carbon dioxide, foam.

##### Protective Equipment for Fire-Fighting

Firefighters should be equipped with self-contained breathing apparatus.

##### Hazardous Combustion Products

During a fire, Carbon Dioxide, and Carbon Monoxide may be generated by thermal decomposition and combustion of the material.

#### Section 6 Accidental Release Measures

The Polypropylene Copolymer material in sheet form is not applicable for this section.

## Section 7 Handling and Storage

### Handling

Protect against flame and intense heat.

### Storage

Store in well ventilated area, avoid extreme heat and any sources of ignition, or open flames.

### Secondary Use / Reprocessing

When reprocessing material for secondary use, ground all handling equipment. Keep material and dust produced away from high heat and flame. Use good housekeeping practices when reprocessing material.

## Section 8 Exposure Controls and Personal Protection

### Personal Protective equipment

#### Respiratory Protection

During processing, respiratory protection may not be necessary if ventilation is adequately provided. At excessive processing temperatures, breathing protection may be required.

#### Hand Protection

Gloves may be required when processing the sheet due to sharp edges and when plastic is in the molten state.

#### Eye Protection

Safety glasses with side-shields are recommended.

#### General

Avoid contact with molten material on the skin, eyes and clothing. Handle product in accordance with good industrial hygiene and safety practices.

## Section 9 Physical and Chemical Properties

### Physical State and Appearance

Solid Polypropylene Copolymer sheet

### Flashpoint

Greater than 500 deg. F (260 deg. C)

### Autoignition Temperature

735 deg. F (260 deg. C)

### Melting Point

320 deg. F (160 deg. C)

## Section 10 Stability and Reactivity

### Stability and Reactivity

This product in the finished state (sheet) is stable. Avoid temperatures of 600 deg. F (316 deg. C) or above.

### Incompatibility with Various Substances

Reactive with strong oxidizing agents

## Section 10 Stability and Reactivity Continued

### Hazardous Decomposition Products

Hazardous decomposition products are Carbon Monoxide, Carbon Dioxide and various hydrocarbons. Chemicals that are released from exposure to extremely high temperature 600 deg. F (316 deg. C). Degradation products may include trace amounts of acrolein, Formaldehyde, Aldehydes and other organic vapors.

#### Section 11 Toxicological Information

##### Chronic Effects on Humans

No specific information is available, but no ecological hazard is expected.

##### Other Toxic Effects on Humans

In plastic sheet form, not considered dangerous to humans.

#### Section 12 Ecological Information

No information is available, but no ecological hazard is suspected.

#### Section 13 Disposal Considerations

##### Waste Information

Transfer to an approved disposal area in accordance with federal, state and local regulations.

#### Section 14 Transport Information

##### DOT Classification

Not a DOT controlled material, (UC).

##### TDG Classification

Not controlled under TDG, (Canada).

##### Marine Pollutant - International maritime Dangerous Goods (ICAO)

Not available but not regulated.

##### Air - International Civil Aviation Organization (ICAO)

Not regulated.

##### Special Provision for Transport

None Listed.

#### Section 15 Regulatory Information

##### OSHA Classification

Nonhazardous.

##### HCS Classification

Not controlled under the HCS, (US).

##### WHMIS (Canada) Hazard Classification

Not applicable.

##### International Agency for Research on Cancer (IARC)

Not listed.

##### American Conference of Governmental Industrial Hygienists (ACGIH)

Not listed.

##### National Toxicology Program (NTP)

Not listed.

##### State Regulations

No products found. No proposition 65 chemicals present at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

##### SARA (U.S.A) Sections 311 and 312 hazard classification(s)

Not applicable.

**Section 15 Regulatory Information (continued...)**

US Toxic Substances Control Act (TSCA)

All components of this material are listed on the TSCA, any impurities present are exempt from listing.

Canadian Environmental Protection Act (CEPA)

All components of this material is listed. Any impurities present are exempt from listing.

European Inventory of Existing Commerical Chemical Substances (EINECS)

All components of this material are listed on EINECS. Any polymer intentionally present in this material has regulatory clearance from Directives of the European Union.

Australian Inventory of Chemical Substances (AICS) and National Industrial Chemicals Notification and Assessment Scheme (NICNAS).

This material is listed on AICS or otherwise complies with NICNAS.

Japanese Handbook of Existing and New Chemical Substances.

Listed or has been approved in Japan by new substance notification.

**Section 16 Other Information**

Hazardous Material Information System (U.S.A)

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	

The information listed within this MSDS is solely designated for the finished processed sheet. The information listed is to the best of our knowledge, accurate and reliable. However, there is no warrenty or guarantee that can be made to its accuracy, reliability or completeness. Primex will not accept liability for any loss or damage that may occur from the use of this information.

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