

# MATERIAL SAFETY DATA SHEET



## Stretch-Vac™ Pro-Rap

### 1. PRODUCT AND COMPANY NAME

**PRODUCT NAME:** Pro-Rap, Stretch-Vac™ PR  
**DESCRIPTION:** Copolymer, Medium Temperature Range Bag Film  
**MANUFACTURER:** Richmond Aircraft Products  
12801 Ann Street  
Santa Fe Springs, CA 90670  
**FOR MORE INFORMATION CALL:** 562-906-3300  
**IN CASE OF EMERGENCY CALL:** 562-906-3300

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS #</u>	<u>% of Ingredient</u>
Polypropylene	NA	100%

### 3. HAZARD IDENTIFICATION

#### POTENTIAL HEALTH HAZARDS

**Route of Entry:** Inhalation, Ingestion, Eye/ Skin Contact  
**Target Organs:** N/A  
**Skin Contact:** The pellets can be abrasive. Molten or heated material can cause serious burns to unprotected skin.  
**Eye Contact:** Particles and fines may cause mechanical irritation  
**Ingestion:** Acute oral doses of 8g/kg fed to rats showed no noticeable toxic effects. Feeding rats and mice aqueous extracts of polypropylene for 15 months produced no noticeable effects.  
**Inhalation:** Nuisance dust can be caused by handling and some operations. Fumes may be generated in operations using heated polypropylene.  
**OSHA Permissible Exposure Limit:** For nuisance dust – 15mg/m<sup>3</sup> for total dust and 5mg/m<sup>3</sup> for respirable dust.  
**ACGIH Threshold Limit Value/Time-Weighted Average:** For nuisance dust – 10mg/m<sup>3</sup> for total dust

# MATERIAL SAFETY DATA SHEET



---

## 4. FIRST AID MEASURES

---

**Inhalation:** Remove person to fresh air. If condition persists, seek medical attention

**Skin Contact:** Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention

**Eye Contact:** Rinse with water. Do not rub eye. Seek medical attention

---

## 5. FIRE FIGHTING MEASURES

---

### FLAMMABLE PROPERTIES

**Flash Point (Method Used):** Does not apply

**LEL:** N/A

**UEL:** N/A

**Extinguishing Method:** Water Spray, Dry chemical, Foam, Carbon Dioxide, Water Fog

**Special Fire Fighting Procedures:** Use water spray, dry chemical, foam or carbon dioxide. If possible, water should be applied as a spray from a fogging nozzle since polyethylene is a surface burning material. Note: Individuals should perform only those fire-fighting procedures for which they have been trained.

**Unusual Fire and Explosion Hazards:** Fire fighters should wear self-contained breathing apparatus in the positive pressure mode with a full-face piece when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products. The application of high velocity water will spread the burning surface layer

# MATERIAL SAFETY DATA SHEET



---

## 6. ACCIDENTAL RELEASE MEASURES

---

Material is a solid in roll form. If accidentally released, rewind material back onto roll

---

## 7. HANDLING AND STORAGE

---

**Handling Precautions:** Use adequate material handling equipment

**Storage Requirements:** Do not store near heat, open flame, or strong oxidizing materials.

---

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

---

**Engineering Controls:** Local exhaust should be used over heating operations.  
**Protective Equipment:** Use NIOSH approved respirator if unable to vent air-borne fumes or vapors. The film is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable. Wear gloves if there is a concern. Wear safety glasses that meet applicable ANSI standards.  
**Exposure Guideline/Other:** Wash thoroughly with soap and water after handling

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**Appearance:** Tinted plastic film  
**Physical Status:** Solid  
**Odor:** No odor  
**pH:** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Boiling Point:** N/A  
**Freezing/Melting Point:** Isotactic 329F-406F  
**Solubility:** None  
**Spec. Grav./Density:** 0.89 - 0.94

# MATERIAL SAFETY DATA SHEET



---

## 10. STABILITY AND REACTIVITY

---

<b>Stability:</b>	Generally Stable
<b>Conditions to avoid:</b>	Attacked by strong oxidizing agents, e.g. hydrogen peroxide
<b>Materials to avoid (Incompatibility):</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	Thermal decomposition products may include C, CO, CO <sub>2</sub> , H <sub>2</sub> O, acrolein, formaldehyde, and other organic vapors
<b>Hazardous Polymerization:</b>	Will no occur

---

## 11. TOXICOLOGICAL INFORMATION

---

<b>Immediate (Acute) Effects:</b>	Not determined
<b>Delayed (Sub-chronic and chronic) Effects:</b>	None known
<b>Other Data:</b>	None .

---

## 12. ECOLOGICAL INFORMATION

---

. Material is considered inert and not expected to be biodegradable or toxic.

---

## 13. DISPOSAL CONSIDERATIONS

---

Dispose of in compliance with Federal, state and local government regulations. Usually is considered an inert packaging material that can be recycled or landfilled.

---

## 14. TRANSPORT INFORMATION

---

<b>US DOT Hazard Class:</b>	Not regulated
<b>US DOT ID Number:</b>	Not applicable

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

# MATERIAL SAFETY DATA SHEET



---

## 15. REGULATORY INFORMATION

---

All raw materials have been certified to comply fully with FDA 21 CFR 177.1520, CONEG Legislation and EPA Regulations for the Protection of Stratospheric Ozone

In accordance with TSCA this product contains the following registered chemicals: NONE

In accordance with SARA Title III, Section 313, this product contains the following chemicals subject to reporting: NONE

---

## 16. OTHER INFORMATION

---

**Current Issue Date:** 10/05/2010

**Previous Issue Date:** 02/19/2008