

Product Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Numbers/Series:

CHR® Pressure-sensitive Adhesive Tapes—PTFE /Rulon with Acrylic Adhesive

Other/Generic Names:

Film with Acrylic Adhesive (PSAT)

Manufacturer:

Saint-Gobain Performance Plastics
14 McCaffrey St., PO Box 320
Hoosick Falls, NY 12090-0320

For More Information:

Product Safety Department: (518) 686-7301
(8 AM to 5 PM, Eastern Time)

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient Name | CAS # | Weight % |
|--------------------------------------|---------------------|----------|
| Polytetrafluoroethylene (PTFE) resin | 9882-84-0 | 60–80 |
| Acrylic adhesive | Mixture/proprietary | 11–40 |
| Filled Tetrafluorethylene (TFE) | N/A | 78 |
| Cellulose liner | N/A | 11 |

Note: The above product(s) are considered “articles” according to OSHA Hazard Communication Standard 29 CFR 1910.1200 and, as such, are exempt from the material safety data sheet provisions of 29 CFR 1910.1200 (G) (6). As a courtesy to the customer, Saint-Gobain Performance Plastics has prepared this product safety data sheet to provide appropriate safety and handling information. These products are considered nonhazardous when used according to accepted practices for the intended use.

3. HAZARDS IDENTIFICATION

Emergency Overview

Potential Health Hazards:

| | |
|------------------|--|
| SKIN: | Contact with the pressure-sensitive adhesive face may cause skin irritation or injury. |
| EYES: | Not a likely route of entry |
| INHALATION: | Not a likely route of entry |
| INGESTION: | Not a likely route of entry |
| DELAYED EFFECTS: | None known |

Ingredients found on one of the OSHA-designated carcinogen lists are listed below:

| Ingredient Name | NTP Status | IARC Status | OSHA Standard |
|-----------------|------------|-------------|---------------|
| N/A | N/A | N/A | N/A |

4. FIRST AID MEASURES

Processing at high temperature may generate fumes which can cause flu-like symptoms (polymer fume fever). Remove to fresh air, consult physician if severe.

5. FIRE FIGHTING MEASURES

| | |
|--------------------------------------|---|
| FLASH POINT: | N/A |
| AUTO IGNITION TEMPERATURE: | N/A |
| FLAMMABLE LIMITS IN AIR (% BY VOL.): | N/A, solid material |
| EXTINGUISHING MEDIA: | Use media appropriate to primary source of fire. |
| UNUSUAL FIRE HAZARDS: | Material is incombustible, but if other fuel is present, decomposition products will burn at about 1275°F, producing toxic and corrosive gaseous products (PTFE and FEP)/Protect from fluorinated gases with face mask and breathing apparatus approved by U.S. Bureau of Mines (Rulon) |

6. ACCIDENTAL RELEASE MEASURES

N/A, solid material

7. HANDLING AND STORAGE

Store and handle using good warehouse practices. Avoid excessive temperatures and high humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|-------------------------------|---|
| ENGINEERING CONTROLS: | N/A |
| PERSONAL PROTECTIVE EQUIPMENT | |
| RESPIRATORY PROTECTION: | Use appropriate NIOSH-approved respirator in presence of decomposition fumes. |
| EYES AND FACE: | Use of safety glasses is recommended. |
| HANDS, ARMS, AND BODY: | Pressure-sensitive adhesive may stick to skin and cause superficial injury. |
| OTHER CLOTHING AND EQUIPMENT: | N/A |

Exposure Guidelines

Guidelines exist for the following ingredients:

| Ingredient Name | ACGIH TLV | OSHA PEL | Other Limit |
|--------------------|-----------|----------|-------------|
| Fibrous Glass Dust | N/A | N/A | N/A |

Other exposure limits for the decomposition products normally associated with product use are as follows: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|--|
| APPEARANCE: | Gray or white, semi-translucent film (PTFE)/Rough rust color film (Rulon)/Glossy, clear plastic film (FEP) all with acrylic pressure sensitive adhesive on one side. May have paper or plastic liner on adhesive face. |
| PHYSICAL STATE: | Solid |
| MOLECULAR WEIGHT: | N/A |
| CHEMICAL FORMULA: | [C ₂ F ₄] _n (PTFE film)/ N/A (Rulon film) |
| ODOR: | Slight characteristic odor |
| SPECIFIC GRAVITY: | N/D |
| SOLUBILITY IN WATER: | Insoluble |
| pH: | N/A |
| BOILING POINT: | N/A |
| MELTING POINT: | N/A |
| VAPOR PRESSURE: | N/A |
| VAPOR DENSITY: | N/A |
| EVAPORATION RATE: | N/A |
| % VOLATILES: | N/D |
| FLASH POINT: | N/A |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| NORMALLY STABLE? | Stable |
| INCOMPATIBILITIES: | Strong oxidizers, acids, bases |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Under commonly recommended conditions decomposition is not anticipated. |
| HAZARDOUS POLYMERIZATION? | Hazardous polymerization will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| IMMEDIATE (ACUTE) EFFECTS: | No acute effects have been identified. |
| DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS: | No delayed or chronic effects have been identified. |
| OTHER DATA: | N/A |

12. ECOLOGICAL INFORMATION

These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable.

13. DISPOSAL CONSIDERATIONS

OTHER DISPOSAL CONSIDERATIONS:
Dispose in an approved landfill or by incineration, in compliance with federal, state, and local regulations.

14. TRANSPORT

| | |
|----------------------|-----|
| US DOT HAZARD CLASS: | N/A |
| US DOT ID NUMBER: | N/D |

15. REGULATORY INFORMATION**Toxic Substances Control Act (TSCA)**

| | |
|------------------------|--|
| TSCA INVENTORY STATUS: | All components are listed on the TSCA Inventory. |
| OTHER TSCA ISSUES: | None |

SARA Title III / CERCLA

Reportable Quantities (RQs) and/or Threshold Planning Quantities (TPQs) exist for the following ingredients:

| Ingredient Name | SARA/CERCLA | SARA EHS |
|-----------------|-------------|----------|
| N/A | N/A | N/A |

Spills/releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (1 (800) 424-8802) and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: N/D

SARA 313 Toxic Chemicals

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

| CAS# | Chemical Name | % by Weight |
|------|---------------|-------------|
| None | N/A | N/A |

State Right to Know

In addition to the ingredients found in section 2, the following are listed for state right-to-know purposes:

| CAS# | Chemical Name | % by Weight |
|------|---------------|-------------|
| N/A | N/A | N/A |

| | |
|------------------------------------|-----|
| ADDITIONAL REGULATORY INFORMATION: | N/A |
| WHMIS CLASSIFICATION (CANADA): | N/D |
| FOREIGN INVENTORY STATUS: | N/D |

16. OTHER INFORMATION

CURRENT ISSUE/REVIEW DATE: 1/22/04

PREVIOUS ISSUE/REVIEW DATE:

CHANGES TO MSDS FROM PREVIOUS

ISSUE DATE ARE DUE TO THE FOLLOWING:

1/22/04 consolidation of similar products

PUBLISHED BY: Document Control Department,
Saint-Gobain Corporation

PSDS NO. AFF-1337

N/D=not determined

N/A=not applicable

Issue/Review date: 6/04

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AFF-1337-PDF-0604-SGCS



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