

# Product Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Numbers/Series:

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

### Other/Generic Names:

Film with Silicone 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	9002-84-0	60–80
Filled Tetrafluoroethylene (TFE)	N/A	78
Polysiloxane adhesive	N/A	11–40
Cellulose liner	N/A	11
Fluorinated ethylene-propylene (FEP) resin	25067-11-2	60–80

*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 irritations 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

N/A for material as supplied at room temperature. Processing at high temperature may generate fumes that 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 silicone 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 <sub>2</sub> F <sub>4</sub> ] <sub>n</sub> (PTFE film)/ N/A (Rulon film) / [C <sub>2</sub> F <sub>4</sub> ] <sub>n</sub> —[C <sub>2</sub> F <sub>6</sub> ] <sub>n</sub> (FEP 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

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PSDS NO. AFF-1338

N/A=not applicable

N/D=not determined

Issue/Review date: 6/04

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