

Product Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Numbers/Series:

CHR® Pressure-sensitive Adhesive Tapes —
Aluminum/PTFE–Aluminum Foil with Silicone Adhesive

Other/Generic Names:

Foil 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 %
Aluminum	7429-90-5	60–80
Trimethylated silica	068988567	10–30
Polysiloxane adhesive	070131678	10–30

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

Material is non toxic. Solid material will not support combustion, but if other fuel is present, composition products will burn at about 1275°F, producing potentially toxic gaseous products (PTFE-Aluminum products only).

Potential Health Hazards:

SKIN:	None known
EYES:	Not a likely route of entry
INHALATION:	None known
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 (PTFE-Aluminum only).

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 approximately 1275°F, producing toxic and corrosive gaseous products (PTFE-Aluminum only).

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: Not required in ordinary use.

EYES AND FACE: Use of safety glasses is recommended.

HANDS, ARMS, AND BODY: Pressure-sensitive adhesive may stick to skin and cause superficial injury. Edges of material are sharp and can produce cuts, particularly if material is being rewound or slit at high speed.

OTHER CLOTHING AND EQUIPMENT: N/A

Exposure Guidelines

Guidelines exist for the following ingredients:

Ingredient Name	ACGIH TLV	OSHA PEL	Other Limit
N/A	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: Aluminum foil with pressure-sensitive adhesive one side, protected with paper or plastic release liner/Aluminum foil with PTFE coating on one side with pressure-sensitive adhesive on other face.

PHYSICAL STATE: Solid

MOLECULAR WEIGHT: N/A

CHEMICAL FORMULA: C₂F₄ (PTFE Film)

ODOR: Slight characteristic odor

SPECIFIC GRAVITY: N/D

SOLUBILITY IN WATER: Insoluble

pH: N/A

BOILING POINT: N/A

MELTING POINT: N/A, 342°C for PTFE coating

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/molten alkali metal—inter-halogen compounds (PTFE-Aluminum only)

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
7789-04-0 (PTFE-Alum only)	Chromium (II) Phosphate	0–9
1308-38-9 (PTFE-Alum only)	Chromium (III) Oxide	0–9

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: 3/29/04

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-1335

N/A=not applicable

N/D=not determined

Issue/Review date: 6/04

NOTE: The information in this document is provided free of charge and is based on technical data that Saint-Gobain Performance Plastics Corporation believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. Because conditions of product use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Suitability for use in a particular application is the ultimate responsibility of the end-user.

CHR is a registered trademark.

©2004 Saint-Gobain Performance Plastics Corporation
AFF-1335-PDF-0604-SGCS



**Saint-Gobain Performance
Plastics Corporation**
14 McCaffrey Street.
Hoosick Falls, New York 12090-0320
Customer Service: (800) 962-2666
Tel: (518) 686-7301
Fax: (800) 562-8479, (518) 686-4840

www.fff.saint-gobain.com