

MATERIAL SAFETY DATA SHEET**Product: Tygon® Silver**Manufacturers Name: **Saint-Gobain
Performance Plastics**Address:
2664 Gilchrist Rd.
Akron, Ohio 44305

Emergency Telephone Number:

Call ChemTel:

1-800-255-3924 USA

1-813-248-0585 International

Date Prepared: 9/29/06

SECTION 1 - IDENTITY

- 1.1 Common Name (used on label): Tygon® Silver (antimicrobial liner w/PVC jacket)
1.2 Chemical Name.....: N/A
1.3 Chemical Family.....: Polyolefin/PVC
1.4 Formula.....: The specific chemical identity of the ingredients is considered a trade secret.

SECTION 2 - HAZARDOUS INGREDIENTS

2.1 Principal Hazardous Component(s) (Chemical & Common Names)
Threshold Limit Value

N/A

2.2 Principal Non-Hazardous Component(s) (Chemical & Common Names)
Limit Value

Threshold

All additives are physically bound in the manufacturing process and are not expected to create any hazard when the product is used in accordance with normal manufacturing and industrial hygiene practice and by following the guidelines on this sheet.

**SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS
(Fire & Explosion Data)**

- 3.1 Boiling Point.....: N/A
3.2 Specific Gravity (H2O=1).....: 1.24
3.3 Vapor Pressure.....: N/A
3.4 Percent Volatile by Volume.....: N/A
3.5 Vapor Density (Air=1).....: N/A
3.6 Evaporation Rate.....: N/A
3.7 Solubility in Water.....: Negligible
3.8 Melting Point.....: N/A
3.9 Appearance and Odor.....: Silver liner/Clear jacket; slight odor
3.10 Flash Point.....: N/A
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- 3.11 Flammable Limits in Air by
Volume.....: Lower: N/A Upper: N/A
- 3.12 Auto-Ignition Temperature...: N/A
- 3.13 Extinguisher Media.....: Water , Carbon Dioxide, Dry Chemical,
Synthetic Foams
- 3.14 Special Fire Fighting Procedures: Fire fighters should wear full protective
clothing including a positive pressure self-
contained breathing apparatus.
- 3.15 Unusual Fire & Explosion
Hazards.....: None Known

SECTION 4 - PHYSICAL HAZARDS

- 4.1 Stability.....: Stable: X Unstable:
Conditions to Avoid.....: Temperatures above 572°F will release
hazardous gases.
- 4.2 Incompatibility.....: None known
- 4.3 Hazardous Decomposition
Products.....: When forced to burn, the smoke may
contain polymer fragments of varying composition in addition to unidentified toxic and/or
irritating compounds. Hazardous combustion by-products may include CO and CO₂.
- 4.4 Hazardous Polymerization....: May Occur: Will Not Occur: X
Conditions to Avoid.....: None Known

SECTION 5 - HEALTH HAZARDS

- 5.1 Threshold Limit Value.....: N/E
- 5.2 Sign & Symptoms of Exposure:
1. Acute Overexposure.....: Toxicological testing has not been conducted
with this material.
Route of Entry:
Eye Contact: N/A
Skin Contact:. N/A
Inhalation:. N/A
Ingestion:. N/A
2. Chronic Overexposure...: None Known

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5.3 Medical Conditions Generally Aggravated by Exposure...: There are no data available which address medical conditions which are generally recognized as being aggravated by exposure to this product.

5.4 Chemical Listed as Carcinogen or Potential Carcinogen.....: National Toxicology Program:
Yes: No: X
I.A.R.C. Monographs:
Yes: No: X
OSHA:
Yes: No: X

5.5 OSHA Permissible Exposure Limit.....: N/A

5.6 ACGIH Threshold Limit Value: N/A

5.7 Other Exposure Limit Used...: Unknown

5.8 Emergency & First-Aid Procedures.....: Inhalation: If irritation occurs, remove affected individual from area, refer to physician.
Eyes: N/A
Skin: N/A
Ingestion: N/A

SECTION 6 - SPECIAL PROTECTION INFORMATION

6.1 Respiratory Protection.....: N/R

6.2 Ventilation.....: Local Exhaust: N/R
Mechanical-General: N/R
Mechanical-Special: N/R
Mechanical-Other: N/R

6.3 Protective Gloves.....: N/R

6.4 Eye Protection.....: N/R

6.5 Other Protective Clothing or Equipment.....: Not Necessary

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SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

- 7.1 Precautions to be taken in Handling & Storage.....: Store cool and dry.
- 7.2 Other Precautions.....: N/A
- 7.3 Steps to be Taken in Case Material is Released or Spilled.....: N/A
- 7.4 Waste Disposal Methods.....: According to Local, State and Federal Regulations.

SECTION 8 - OTHER INFORMATION

- 8.1 Transportation Information...: DOT Shipping Name: N/A
DOT Hazard Class: N/A
DOT Label(s): N/A
UN/NA Number: N/A
Placards: None
IATA: N/A
IMO IMDG-Code: N/A
European Class:
RID (OCTI): N/A
ADR (ECE): N/A
RAR (IATA): N/A

8.2 The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof, however, Saint-Gobain Performance Plastics Corporation makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

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