

# Product Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Numbers/Series:**

ThermaCool Thermally Conductive Silicone Coated Fabrics – TF1800 series, TF1860 series, TF1870 series, TF400 series and TF500 series

**Other/Generic Names:**

Thermally Conductive Silicone Coated Glass Fabrics

**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

Fiberglass fabric coated with silicone compounds which contain ceramic and/or other thermally conductive particles. The resulting material may be supplied with an acrylic or silicone adhesive layer that also contains ceramic and/or other thermally conductive particles. The specific composition of these materials is considered proprietary.

These products are articles as defined in 29CFR1910.1200 and as such are exempt from the MSDS provisions of that regulation. Under normal conditions of use, these products will not release significant amounts of any hazardous substance. Saint-Gobain Performance Plastics has prepared this safety data sheet as a courtesy to provide handling and disposal information to the customer.

## 3. HAZARDS IDENTIFICATION

**Emergency Overview**

**Potential Health Hazards:**

SKIN: Wash hands with soap and water  
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.

## 5. FIRE FIGHTING MEASURES

FLASH POINT: N/A  
AUTO IGNITION TEMPERATURE: 1500° F  
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 under recommended conditions.

## 6. ACCIDENTIAL 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 or dust.
EYES AND FACE:	Use of safety glasses is recommended.
HANDS, ARMS, AND BODY:	N/A
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:	Gray, green, blue, white, and black with or without adhesive.
PHYSICAL STATE:	Solid
MOLECULAR WEIGHT:	N/A
CHEMICAL FORMULA:	N/A
ODOR:	Odorless
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:	N/A
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

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## 16. OTHER INFORMATION

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CURRENT ISSUE/REVIEW DATE: 4/6/04

PREVIOUS ISSUE/REVIEW DATE:

CHANGES TO MSDS FROM PREVIOUS

ISSUE DATE ARE DUE TO THE FOLLOWING:

4/6/04 consolidation of similar products

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**N/D=not determined**

**N/A=not applicable**

**Issue/Review date: 6/04**

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