

Product Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Numbers/Series:

ThermaCool Thermally Conductive Silicone Rubber—TC100, TC100U, TC2006 series, TC3001 series, TC3001HCT series, TC3002 series, TC3005 series, TC3006 series, TC3008 series

Other/Generic Names:

Thermally Conductive Silicone Sheet

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

Silicone compounds which contain ceramic and/or other thermally conductive particles. The specific composition of these materials is considered proprietary.

Note: 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. 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 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:	Light blue, light green, light purple, white, red or pink.
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

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:

3/29/04 consolidation of similar products

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PSDS NO. AFF-1352
N/A=not applicable

N/D=not determined
Issue/Review date: 6/04

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