

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® GT-5091
Silicone Rubber Base

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051

Telephone: (817) 481-7113
Fax: (817) 421-1211

Date prepared: 2/21/03

Chemical Type /Description:

by: MDG
Silicone Rubber Base

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>% (Approx.)</u>	<u>TLV (ppm)</u>	<u>CAS No.</u>
None			

This product contains Methylpolysiloxanes, which can generate Formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin, eye, and throat irritant, is toxic and a potential cancer hazard.

HMIS RATING: **FLAMMABILITY: 1** **REACTIVITY: 0** **HEALTH: 1**

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Very low toxicity expected. A likely laxative.
Skin Contact: None expected.
Inhalation: None expected due to very low vapor pressure.
Eye Contact: May irritate.

4. FIRST AID MEASURES

Ingestion: Seek medical attention if adverse symptoms noted.
Skin: Remove with dry towel, then wash with soap and water.
Eyes: Rinse 15 minutes with running water. Seek medical attention if irritation persists.
Inhalation: Seek fresh air if needed.
Other: Not applicable.

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >93°C, >200°F

GT Products

Flammability Class: None.
Flammability Limits in Air: Not available.
Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products CO, CO₂, SiO₂, H₂CO, H₂O
Special Fire Fighting Notes: Like all silicones, GT Products® GT-5091 can produce formaldehyde when strongly heated in air.

6. ACCIDENTAL RELEASE MEASURES

Pick up spilled material with absorbent clay, then wash area thoroughly with water and detergent. Spilled material is very slippery.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and prolonged skin contact.
Storage: Store in cool (< 40°C), closed and dry containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.
Personal Protective Equipment
Eyes: Safety glasses.
Skin: Rubber or plastic gloves as desired.
Inhalation: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Fluid paste.
Color: Off White.
Odor: Very slight.
Boiling Point: Will not boil.
Vapor Density (air = 1): There is negligible vapor pressure.
Specific Gravity: 1.10
Solubility in Water: None.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Decomposition Products: Only in fire conditions, see section 5.
Materials to Avoid: None.
Conditions to Avoid: Keep tightly sealed to avoid contamination.

11. TOXICOLOGICAL INFORMATION

See section 3.

12. ECOLOGICAL INFORMATION

None available

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated.
DOT HAZARD CLASS: None.
UN/NA Number: None.

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS: Listed.

SARA TITLE III / CERCLA

SECTION 302 EXTREMELY TOXIC: No.

SECTION 304 CERCLA HAZARD: No.

SECTION 311 / 312 HAZARD No.

CLASS:

SECTION 313 TOXIC CHEMICALS: No.

16. OTHER INFORMATION

We believe the above information is correct as of the date of this MSDS. However, as this information and the conditions under which the product are used are beyond the control of GT PRODUCTS, INC., it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® C5091

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051

Telephone: (800) 221-0866
(817) 481-7113
Fax: (817) 421-1211
gtproducts.com

Date Prepared/Revised:
Chemical Type/Description:

9 March 2004

by: MDG
Silicone Curing Agent

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
Trimethoxyorganosilane	25	200 ppm	Trade Secret
Organotin compound	> 5	0.1 mg/m ³ as Sn	Trade Secret

HMIS RATING:

FLAMMABILITY: 1

REACTIVITY: 0

HEALTH: 2

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Toxic (contains trace amounts of methanol).
Skin Contact: Can cause dermatitis.
Inhalation: Central nervous system depression.
Eye Contact: Will irritate; can cause blindness (methanol).

4. FIRST AID MEASURES

Ingestion: Seek medical attention immediately.
Skin: Remove with dry towel, then wash with soap and water.
Eyes: Rinse 15 minutes with running water. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air.
Other: Not applicable.

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >205°F (Setaflash)
Flammability Class: None.
Flammability Limits in Air: Not available.
Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products CO, CO₂, SiO₂, H₂CO.

GT Products

Special Fire Fighting Notes: Like all silicones, GT Products® C5091 can produce formaldehyde when strongly heated in air.

6. ACCIDENTAL RELEASE MEASURES

Pick up spilled material with absorbent clay, then wash area thoroughly with water and detergent. Spilled material is very slippery.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Avoid inhalation. Ground container when transferring.

Storage: Store in cool (<40°C), closed and dry containers. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.

Personal Protective Equipment

Eyes: Safety glasses.

Skin: Rubber or plastic gloves as desired.

Inhalation: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Low viscosity liquid.

Color: Blue.

Odor: Alcohol.

Boiling Point: Not tested.

Vapor Density (air = 1): There is negligible vapor pressure.

Specific Gravity: 0.98

Solubility in Water: None.

10. STABILITY AND REACTIVITY

Chemical Stability: Will hydrolyze.

Hazardous Polymerization: Will not occur.

Decomposition Products: Only in fire conditions, see section 5.

Materials to Avoid: Water, acids, bases, oxidizing agents.

Conditions to Avoid: Keep tightly sealed to avoid contamination.

GT Products

11. TOXICOLOGICAL INFORMATION

See section 3.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated.
DOT HAZARD CLASS: None.
UN/NA Number: None.

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS: This material or all of its contents are listed on the Toxic Substances Control Act (TSCA).

16. OTHER INFORMATION

We believe the above information is correct as of the date of this data sheet. However, as this information and the conditions under which the product are used are beyond the control of GT PRODUCTS, INC., it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.