

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® GT-2100
Silicone Sealant

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

GT Products, Inc.
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Grapevine, TX 76051

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Date Prepared/Revised:
Chemical Type/Description:

7 April 2005

by: MLD
Silicone Elastomer

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>% (Approx.)</u>	<u>ACGIH TLV</u>	<u>CAS No.</u>
Methyltriacetoxysilane	1-5	See 'Comments'	4253-34-3
Ethyltriacetoxysilane	1-5	See 'Comments'	17689-77-9

Comments: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

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: Ingestion of high doses can cause digestive discomfort.
Skin Contact: May irritate.
Inhalation: Excessive exposure to vapor may irritate nose, eyes, and throat.
Eye Contact: Direct contact may irritate with redness and swelling.

4. FIRST AID MEASURES

Ingestion: If swallowed dilute with water and immediately 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): NA
Flammability Class: None.
Flammability Limits in Air: Not determined.
Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products: CO, CO₂, SiO₂, H₂CO, CH₃CO₂H
Special Fire Fighting Notes: Like all silicones, GT Products® GT-2100 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.
Storage: Store in cool (<105F), closed and dry containers. Keep away from water or moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.
Personal Protective Equipment
Eyes: Safety glasses.
Skin: Rubber or plastic gloves as desired.
Inhalation: Good local mechanical ventilation. NIOSH approved respirators should be used if the mechanical ventilation proves inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste
Color: Translucent, red, black, white, aluminum
Odor: Acetic acid
Boiling Point: Will not boil.
Vapor Density (air = 1): 2.1 (for acetic acid)
Specific Gravity: 1 – 1.06
Solubility in Water: None

10. STABILITY AND REACTIVITY

Chemical Stability: Stable (product cures on contact with moisture).
Hazardous Polymerization: No.

GT Products

Decomposition Products: Only in fire conditions, see section 5.
Materials to Avoid: Oxidizing material.
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. Small amounts that have been allowed to fully cure (no more acetic acid odor) may be discarded in the trash.

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)

SARA TITLE III / CERCLA

SECTION 302 EXTREMELY TOXIC: This material contains no Extremely Hazardous Substances (EHS).

SECTION 304 CERCLA HAZARD: This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.

SECTION 311 / 312 HAZARD CLASS: This material meets the acute hazard criteria (one of the five hazard criteria) and must be included in Tier I or II reports if, at any one time, you have 10,000 pounds or more on site.

SECTION 313 TOXIC CHEMICALS: This material and its contents are not listed or required to be included in any Toxic Chemical Release Inventory (TRI) reports.

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.