

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® 2241T 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: 04/01/03

by: MDG

Chemical Type /Description:

Silicone Rubber Base

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
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None

This product contains Methylpolysiloxanes, which can generate Formaldehyde at approximately 300F (150C) 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): >210°F (Setaflash)
Flammability Class: None.
Flammability Limits in Air: Not available.

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Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products CO, CO₂, SiO₂, H₂CO
Special Fire Fighting Notes: Like all silicones, GT Products® 2241T Base 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 (<40C) 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: Flowable paste.
Color: Translucent off-white.
Odor: Very slight.
Boiling Point: Will not boil.
Vapor Density (air = 1): There is negligible vapor pressure.
Specific Gravity: 1.1
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: None – keep tightly sealed to avoid contamination.

11. TOXICOLOGICAL INFORMATION

See section 3.

GT Products

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).
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 does not meet any of the five hazard criteria and is not required to be included in Tier I or II reports.
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 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.

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® C-2241T Curing Agent

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: 07/01/03

by: MDG

Chemical Type /Description:

Silicone Rubber Curing Agent

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
None			

This product contains Methylpolysiloxanes, which can generate Formaldehyde at approximately 300F (150C) 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: 1

HEALTH: 1

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Low toxicity expected, a likely laxative.

Skin Contact: May cause contact dermatitis on long exposure.

Inhalation: Not a significant route of entry due to low vapor pressure.

Eye Contact: May irritate.

4. FIRST AID MEASURES

Ingestion: Seek medical attention if adverse symptoms develop.

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: NA

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >210F (Setaflash)

Flammability Class: None

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Flammability Limits in Air:	Not available
Extinguishing Media:	All standard media for chemical fires.
Hazardous Combustion Products	CO, CO ₂ , SiO ₂ , H ₂ , H ₂ CO
Special Fire Fighting Notes:	Like all silicones, GT Products® C-2241T Curing Agent can produce formaldehyde when strongly heated in air. Additionally, GT Products® C-2241T Curing Agent contains silicone hydrides that can be decomposed by high heat to hydrogen gas.

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 (<40C) 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: Clear moderate viscosity liquid.
Color: Colorless.
Odor: Very slight.
Boiling Point: >175C.
Vapor Density (air = 1): >5, but vapor pressure is very low.
Specific Gravity: 1.0
Solubility in Water: Negligible.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable in the absence of contamination.
Hazardous Polymerization: Will not occur.
Decomposition Products: Only in fire conditions or when contaminated see section 5 and below.
Materials to Avoid: Acids, bases, oxidizing agents.

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Conditions to Avoid: Keep tightly sealed to avoid contamination. This material contains silicone hydrides. In contact with acids, bases (particularly) or oxidizing agents, GT Products® C-2241T Curing Agent can release hydrogen gas as the silicone hydrides react with the contaminants. Storage in the original container, in a cool dry place will avoid problems.

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).
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