

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION AND USE

**Product Identifier:** GT-2100  
**Product Use:** SILICONE SEALANT  
**Supplier:** THERMON MANUFACTURING COMPANY  
**Address:** 100 THERMON DRIVE, SAN MARCOS, TEXAS 78666  
**Telephone:** (512) 396-5801 **Fax:** (512) 396-3627

**Manufactured by:** GT PRODUCTS, INC.  
**Address:** 609 INDUSTRIAL BLVD. GRAPEVINE, TEXAS, 76051  
**Telephone:** (817) 481-7113 **Fax:** (817) 421-1211

## SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	LD <sub>50</sub>	LC <sub>50</sub>
Methyltriacetoxysilane	4253-34-3	1 – 5 %	Not found.	Not found.
Ethyltriacetoxysilane	17689-77-9	1 – 5 %	Not found.	Not found.

## SECTION III - PHYSICAL DATA

**Physical State:** PASTE **Specific gravity:** 1 - 1.06 **Odour threshold:** Not available.  
**pH:** Not available.  
**Odour and appearance:** TRANSLUCENT. RED, BLACK, WHITE ALUMINUM PASTE.  
ACETIC ACID ODOUR.  
**Vapour pressure (20 C<sup>0</sup>):** Not available.  
**Vapour density (air = 1):** 2.1 (FOR ACETIC ACID)  
**Evaporation rate (water = 1):** >1 % volatile by volume: 95 %. **Solubility in water:** NONE.  
**Boiling Point (C<sup>0</sup>):** WILL NOT BOIL. **Freezing Point (C<sup>0</sup>):** Not available.  
**Coefficient of water/oil distribution:** Not available.

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammable or combustible:** NOT FLAMMABLE OR COMBUSTIBLE  
**Flash Point (C<sup>0</sup>) and method:** NOT APPLICABLE  
**Upper flammable limit:** Not available. **Lower flammable limit:** Not available.  
**Autoignition temperature:** Not applicable.  
**Flammability classification:** NONE **Conditions of flammability:** NONE  
**Means of extinction:** ALL STANDARD MEDIA FOR CHEMICAL FIRES.  
**Special fire fighting notes:** LIKE ALL SILICONES, GT PRODUCTS<sup>®</sup> GT-2100 CAN PRODUCE FORMALDEHYDE WHEN STRONGLY HEATED IN AIR.  
**Hazardous combustion products:** CO, CO<sub>2</sub>, SiO<sub>2</sub>, H<sub>2</sub>CO, CH<sub>3</sub>CO<sub>2</sub>H  
**Sensitivity to mechanical impact:** NOT SENSITIVE  
**Sensitivity to static discharge:** NOT SENSITIVE

## SECTION V - REACTIVITY DATA

**Is the product stable:** STABLE. PRODUCT CURES ON CONTACT WITH MOISTURE.  
**Incompatible substances:** OXIDIZING MATERIAL.  
**Conditions to avoid:** KEEP TIGHTLY SEALED TO AVOID CONTAMINATION.  
**Hazardous decomposition products:** ONLY IN FIRE CONDITIONS. SEE SECTION IV.

PRODUCT IDENTIFIER: GT-2100

## SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION AND INGESTION.

WHMIS Classification: D 2B TOXIC MATERIAL- OTHER TOXIC EFFECTS.

Exposure limits: ACETIC ACID IS FORMED ON CONTACT WITH WATER OR HUMID AIR.  
10 ppm (OSHA / ACGIH –TWA) 15 ppm ACGIH – STEL)

THIS PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE AT APPROXIMATELY 150 C. AND ABOVE IN ATMOSPHERES WHICH CONTAIN OXYGEN.

Irritant: FORMALDEHYDE IS A SKIN, EYE AND THROAT IRRITANT AND IS TOXIC.

Carcinogen: FORMALDEHYDE IS A POTENTIAL CANCER HAZARD.

Sensitizer: NO Mutagen: NO

Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN

Effects of acute exposure: Eyes: DIRECT CONTACT MAY IRRITATE WITH REDNESS AND SWELLING. Skin: MAY IRRITATE. Inhalation: EXCESSIVE EXPOSURE TO VAPOURS MAY IRRITATE NOSE, EYES AND THROAT. Ingestion: INGESTION OF HIGH DOSES CAN CAUSE DIGESTIVE DISCOMFORT.

Effects of chronic exposure: NONE KNOWN.

## SECTION VII - PREVENTION MEASURES

Gloves: WEAR RUBBER OR PLASTIC GLOVES WHERE SKIN CONTACT IS POSSIBLE.	Respirator: USE A NIOSH APPROVED RESPIRATOR IF MECHANICAL VENTILATION PROVES INADEQUATE.	Eye protection: WEAR SAFETY GLASSES WHERE EYE CONTACT IS POSSIBLE.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: TO PREVENT SKIN CONTACT	Other requirements: EYE WASH STATION

Engineering Controls: GOOD GENERAL VENTILATION.

Respiratory protection: USE GOOD LOCAL MECHANICAL VENTILATION.

Leak or spill procedures: PICK UP SPILLED MATERIAL WITH ABSORBENT CLAY, THEN WASH THOROUGHLY WITH WATER AND DETERGENT. SPILLED MATERIAL IS VERY SLIPPERY.

Waste disposal: DISPOSE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS. SMALL AMOUNTS THAT HAVE BEEN ALLOWED TO FULLY CURE (NO MORE ACETIC ACID ODOUR) MAY BE DISCARDED IN THE TRASH.

Handling and storage requirements: STORE IN COOL (< 40° C.), CLOSED, DRY CONTAINERS. KEEP AWAY FROM WATER OR MOISTURE. AVOID CONTACT WITH SKIN AND EYES.

Special shipping information: NOT CONTROLLED BY T.D.G.

## SECTION VIII - FIRST AID MEASURES

Eyes: RINSE 15 MINUTES WITH RUNNING WATER AND IMMEDIATELY SEEK MEDICAL ATTENTION IF ADVERSE SYMPTOMS ARE NOTED. Skin: REMOVE WITH A DRY TOWEL, THEN WASH WITH SOAP AND WATER. Ingestion: DILUTE WITH WATER AND IMMEDIATELY SEEK MEDICAL ATTENTION IF ADVERSE SYMPTOMS ARE NOTED.

Inhalation: SEEK FRESH AIR IF NEEDED.

## SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET, CCOSH CHEMINFO.

Prepared by: THERMON MANUFACTURING COMPANY

Telephone: 1-512-396-5801 Preparation date: October 3, 2005

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 is 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. Nor warranty, expressed or implied, is hereby made.