

GT Products, Inc.  
**SAFETY DATA SHEET**

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1. PRODUCT IDENTIFICATION

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**TRADE NAME:** CA-50P  
**OTHER MEANS OF IDENTIFICATION:**  
**RECOMMENDED USE OF PRODUCT:** Curing Agent for Mold-making Rubber  
**SUPPLIER'S DETAILS:** GT Products, Inc.  
501 Industrial Blvd.  
Grapevine, TX 76051  
Telephone: (800) 221-0866  
(817) 481-7113  
Fax: (817) 421-1211

**EMERGENCY CONTACT:** CHEMTREC (24 Hours):1-800-424-9300

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2. HAZARDS IDENTIFICATION

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**GHS CLASSIFICATION**

*PHYSICAL HAZARDS* Not Classified  
*HEALTH HAZARDS* Aspiration Hazard – Category 1  
Reproductive Toxicity – Category 2  
*ENVIRONMENTAL HAZARDS* Not Classified

**GHS LABEL ELEMENTS**

*PICTOGRAMS*



*SIGNAL WORDS* Danger  
*HAZARD STATEMENTS* H304: May be fatal if swallowed and enters airways  
H361: Suspected of damaging fertility or the unborn child  
*PRECAUTIONARY STATEMENTS [PREVENTION]* P201: Obtain special instructions before use  
P202: Do not handle until all safety precautions have been read and understood  
P281: Use personal protective equipment as required  
*[RESPONSE]* P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P308+313: IF exposed or concerned: Get medical advice/attention  
P331: Do NOT induce vomiting

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[STORAGE]

P405: Store locked up

[DISPOSAL]

P501-Dispose of contents/container through a waste management company authorized by the local government.

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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

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**Substance or Mixture**

Mixture

*Hazardous Ingredients*

*CAS#*

*Percentage (%)*

Dimethylhydrogen terminated PDMS

70900-21-9

3-5

Octamethylcyclotetrasiloxane

556-67-2

0.1-1

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### 4. FIRST AID MEASURES

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**INGESTION:**

Never give anything by mouth to an unconscious person. Rinse mouth out with water. Seek medical attention; Do NOT induce vomiting.

**SKIN CONTACT:**

Remove contaminated clothing immediately and dispose of safely. When in contact with the skin, clean with soap and water.

**INHALATION:**

Remove to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.

**EYE CONTACT:**

Immediately flush with COOL water for 15 minutes. Remove contact lenses. Call a physician if irritation persists.

**PROTECTION FOR FIRST-AIDERS:**

A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles

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### 5. FIRE-FIGHTING MEASURES

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**SUITABLE EXTINGUISHING MEDIA:**

Foam, Carbon Dioxide, Dry Chemical

**SPECIFIC FIRE HAZARDS:**

Fire will form hazardous combustion gases of Carbon dioxide(CO<sub>2</sub>) and Carbon Monoxide(CO)  
Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C.  
Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard

**FIREFIGHTER EQUIPMENT:**

Wear respirator and all protective coverings.

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6. ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS,  
PROTECTIVE EQUIPMENT AND  
EMERGENCY:** Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation.

**ENVIRONMENTAL  
PRECAUTIONS:** Prevent product from entering drains.

**CLEAN UP:** Dispose of in accordance with appropriate laws and regulations.

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7. HANDLING AND STORAGE

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**HANDLING:** Wear protective equipment; Avoid contact with skin and eyes. Ensure sufficient ventilation.

**STORAGE:** Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material, in a well-ventilated area. Store locked up.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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**EXPOSURE LIMITS:**

<i>Hazardous Ingredient</i>	<i>CAS#</i>	<i>Limit/Set by</i>
Dimethylhydrogen terminated PDMS	70900-21-9	Not established.
Octamethylcyclotetrasiloxane	556-67-2	Not established.

**ENGINEERING CONTROLS:** None Available

**PERSONAL PROTECTIVE  
EQUIPMENT:**

*RESPIRATORY PROTECTION:* If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

*HAND PROTECTION* Protective gloves

*EYE PROTECTION* Wear safety glasses or goggles. Face shield if situation requires

*SKIN AND BODY PROTECTION* Protective clothing if situation requires

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9. PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** Liquid

**ODOR:** No Odor

**ODOR THRESHOLD:** Not Available

**pH:** Not Available

**MELTING POINT:** Not Available

**BOILING POINT RANGE:** Not Applicable, will decompose before it will boil

**FLASH POINT:** >205°F

**EVAPORATION RATE:** Not Available

**FLAMMABILITY(solid/gas):** Not Available

**EXPLOSION LIMITS:**

*UPPER* Not Available

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<i>LOWER</i>	Not Available
<b>VAPOR PRESSURE:</b>	<0.1mbar @ 68°F
<b>VAPOR DENSITY:</b>	All vapors are denser than air
<b>RELATIVE DENSITY:</b>	1.0 g/mL
<b>SOLUBILITY:</b>	Not soluble in water
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER:</b>	Not Available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not Available
<b>DECOMPOSITION TEMPERATURE:</b>	>150°C
<b>VISCOSITY:</b>	Not Available

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10. STABILITY AND REACTIVITY

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<b>REACTIVITY:</b>	Product is designed to react with its counterpart base containing vinyl functional groups in the presence of a platinum catalyst.
<b>CHEMICAL STABILITY:</b>	Stable in the absence of contamination
<b>HAZARDOUS REACTIONS:</b>	None
<b>CONDITIONS TO AVOID:</b>	Avoid contact with strong acid.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Hazardous combustion gases of Carbon dioxide(CO <sub>2</sub> ), Carbon Monoxide(CO), SiO <sub>2</sub> , Contact with acids or bases releases flammable hydrogen gas. Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard
<b>INCOMPATIBILITY:</b>	Acids, alkalis

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11. TOXICOLOGICAL INFORMATION

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<b>ACUTE TOXICITY:</b>	Not Available
<b>SKIN CORROSION/IRRITATION:</b>	Prolonged or repeated contact may dry skin and cause irritation.
<b>EYE DAMAGE/IRRITATION:</b>	Direct contact with eyes may cause temporary irritation.
<b>RESPIRATORY OR SKIN SENSITIZATION:</b>	Not Available
<b>GERM CELL MUTAGENICITY:</b>	Not Available
<b>CARCINOGENICITY:</b>	Contains no known ingredients above the 0.1%wt threshold that are listed as a carcinogen by IARC, ACGIH, NTP, or OSHA..
<b>REPRODUCTIVE TOXICITY:</b>	Suspected of damaging fertility or the unborn child. A two year combined chronic/carcinogenicity assay was conducted on octamethylcyclotetrasiloxane (D4). Fischer-344 rats were exposed by whole body vapor inhalation 6 hours/day, 5 days/week for up to 103 weeks to 0, 10, 30, 150 or 700 ppm of D4. A statistically significant increase in incidence of uterine endometrial cell hyperplasia and uterine adenomas (benign tumors) were observed in female rats at 700 ppm. Since these effects only occurred at 700 ppm, a level that greatly exceeds typical workplace or consumer exposure, it is unlikely that industrial, commercial or consumer uses of products containing D4 would result in a significant risk to humans.
<b>STOST- SINGLE EXPOSURE:</b>	Not Available

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**STOST- REPEATED EXPOSURE:** Not Available  
**ASPIRATION HAZARD:** May be fatal if swallowed and enters airways.

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12. ECOLOGICAL INFORMATION

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**ECOTOXICITY:** **Components Species Test Results**  
Octamethylcyclotetrasiloxane (CAS 556-67-2)  
**Aquatic**  
Fish LC50 Rainbow trout, donaldson trout 0.0085 - 0.013 mg/l, 14 days

**PERSISTENCE/DEGRADABILITY:** Not Available

**BIOACCUMULATIVE POTENTIAL:** **Partition coefficient n-octanol / water (log Kow)**  
Octamethylcyclotetrasiloxane (CAS 556-67-2) 6.48, (25.1°C)

**MOBILITY IN SOIL:** Not Available

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13. DISPOSAL CONSIDERATIONS

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Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

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14. TRANSPORT INFORMATION

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**UN/NA Number:** Not Regulated

**DOT SHIPPING NAME:** Not Regulated  
**DOT HAZARD CLASS:** Not Regulated

**IMDG – P.S.N.:** Not Regulated  
**IMDG – CLASS:** Not Regulated  
**IMDG – PACKING GROUP:** Not Regulated  
**IMDG – Marine Pollutant:** Not Regulated  
**IATA - P.S.N.:** Not Regulated  
**IATA - CLASS:** Not Regulated  
**IATA – PACKING GROUP:** Not Regulated

This product and its ingredients are NOT considered dangerous goods according to the **UN Model Regulations, ADR, RID,** and the **ADN.**

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15. REGULATORY INFORMATION

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**US REGULATIONS**

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**US SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

<i>Hazardous Ingredient</i>	<i>SARA 302 (40 CFR 355, Appendix A)</i>	<i>SARA 304 (40 CFR Table 302.4)</i>	<i>SARA 313 (40 CFR 372.65)</i>
Dimethylhydrogen terminated PDMS	No	No	No
Octamethylcyclotetrasiloxane	No	No	No

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**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs(4,540 kg) therefore applies, per 40 CFR 370.20

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**SARA 311/312(40 CFR 370) HAZARDS:** Acute: Yes, Chronic: Yes, Fire: No, Pressure: No

**CALIFORNIA, (PROPOSITION 65):** None

**TSCA INVENTORY STATUS:** These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

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## 16. OTHER INFORMATION

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**HMIS Rating: Health-2, Fire-0, Reactive-0**

Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product's hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

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.

Date Created/Revised: 7/10/18

Made By: Daniel Shaw

GT Products, Inc.  
**SAFETY DATA SHEET**

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1. PRODUCT IDENTIFICATION

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<b>TRADE NAME:</b>	GT-50P
<b>OTHER MEANS OF IDENTIFICATION:</b>	
<b>RECOMMENDED USE OF PRODUCT:</b>	Mold-making Rubber
<b>SUPPLIER'S DETAILS:</b>	GT Products, Inc. 501 Industrial Blvd. Grapevine, TX 76051 Telephone: (800) 221-0866 (817) 481-7113 Fax: (817) 421-1211
<b>EMERGENCY CONTACT:</b>	CHEMTREC (24 Hours):1-800-424-9300

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2. HAZARDS IDENTIFICATION

---

**GHS CLASSIFICATION**

<i>PHYSICAL HAZARDS</i>	Not Classified
<i>HEALTH HAZARDS</i>	Not Classified
<i>ENVIRONMENTAL HAZARDS</i>	Not Classified

**GHS LABEL ELEMENTS**

<i>PICTOGRAMS</i>	None
<i>SIGNAL WORDS</i>	None
<i>HAZARD STATEMENTS</i>	None
<i>PRECAUTIONARY STATEMENTS</i>	
<i>[PREVENTION]</i>	None
<i>[RESPONSE]</i>	None
<i>[STORAGE]</i>	None
<i>[DISPOSAL]</i>	None

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3. COMPOSITION AND INFORMATION ON INGREDIENTS

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**Substance or Mixture**                      Mixture

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<i>Hazardous Ingredients</i>	<i>CAS#</i>	<i>Percentage (%)</i>
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Quartz	14808-60-7	30-40
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\*Quartz or crystalline silica is considered to be a nuisance dust. All hazards associated with the substance are only applicable when the substance is in its respirable form. However, crystalline silica is not expected to be hazardous when compounded into a liquid polymer like its current state in this product because it is no longer respirable under normal conditions. Therefore, all hazards associated with respirable quartz are not listed.

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#### 4. FIRST AID MEASURES

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<b>INGESTION:</b>	Seek medical attention; Do NOT induce vomiting.
<b>SKIN CONTACT:</b>	Remove contaminated clothing immediately and dispose of safely. When in contact with the skin, clean with soap and water.
<b>INHALATION:</b>	No first aid should be needed. Remove to fresh air.
<b>EYE CONTACT:</b>	Immediately flush with COOL water for 15 minutes; Call a physician if irritation persists.
<b>PROTECTION FOR FIRST-AIDERS:</b>	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles

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#### 5. FIRE-FIGHTING MEASURES

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Foam, carbon dioxide, dry chemical
<b>SPECIFIC FIRE HAZARDS:</b>	Fire will form hazardous combustion gases of carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), SiO <sub>2</sub> , and oxides of nitrogen (NO <sub>x</sub> ). Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard
<b>FIREFIGHTER EQUIPMENT:</b>	Wear respirator and all protective coverings.

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#### 6. ACCIDENTAL RELEASE MEASURES

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<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY:</b>	Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Prevent product from entering drains.
<b>CLEAN UP:</b>	Scrape up and disposed of in accordance with appropriate laws and regulations.

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#### 7. HANDLING AND STORAGE

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**HANDLING:** Wear protective equipment; Avoid contact with skin and eyes.

**STORAGE:** Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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**EXPOSURE LIMITS:**

<i>Hazardous Ingredient</i>	<i>CAS#</i>	<i>Limit/Set by</i>
Quartz	14808-60-7	For Respirable Dust - TWA: 0.025mg/m <sup>3</sup> (ACGIH), 0.3mg/m <sup>3</sup> (OSHA)

**ENGINEERING CONTROLS:** None Available

**PERSONAL PROTECTIVE EQUIPMENT:**

<i>RESPIRATORY PROTECTION:</i>	Not required under normal use
<i>HAND PROTECTION</i>	Protective gloves
<i>EYE PROTECTION</i>	Wear safety glasses or goggles. Face shield if situation requires
<i>SKIN AND BODY PROTECTION</i>	Protective clothing if situation requires

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9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>PHYSICAL STATE:</b>	Flowable Paste
<b>ODOR:</b>	No Odor
<b>ODOR THRESHOLD:</b>	Not Available
<b>pH:</b>	Not Available
<b>MELTING POINT:</b>	Not Available
<b>BOILING POINT RANGE:</b>	Not Applicable, will decompose before it will boil
<b>FLASH POINT:</b>	>205°F (Setaflash)
<b>EVAPORATION RATE:</b>	Not Available
<b>FLAMMABILITY(solid/gas):</b>	Not Available
<b>EXPLOSION LIMITS:</b>	
<i>UPPER</i>	Not Available
<i>LOWER</i>	Not Available
<b>VAPOR PRESSURE:</b>	<0.1mbar @ 68°F
<b>VAPOR DENSITY:</b>	All vapors are denser than air
<b>RELATIVE DENSITY:</b>	1.36 g/mL
<b>SOLUBILITY:</b>	Not soluble in water
<b>PARTITION COEFFICIENT: N- OCTANOL/WATER:</b>	Not Available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not Available
<b>DECOMPOSITION TEMPERATURE:</b>	>150°C
<b>VISCOSITY:</b>	53,000 cP

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10. STABILITY AND REACTIVITY

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<b>REACTIVITY:</b>	Product is designed to react with a catalyst to initiate vulcanization.
<b>CHEMICAL STABILITY:</b>	Stable in the absence of contamination
<b>HAZARDOUS REACTIONS:</b>	None
<b>CONDITIONS TO AVOID:</b>	Avoid contact with strong acids, alkalis, and oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Hazardous combustion gases of carbon dioxide(CO <sub>2</sub> ), carbon monoxide(CO), SiO <sub>2</sub> , and oxides of nitrogen (NO <sub>x</sub> ). Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard
<b>INCOMPATIBILITY:</b>	Acids, Alkalis, Oxidizing Agents

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### 11. TOXICOLOGICAL INFORMATION

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<b>ACUTE TOXICITY:</b>	Oral – LD <sub>50</sub> (Rat): 8186 mg/kg (calculated from known toxicities)
<b>SKIN CORROSION/IRRITATION:</b>	Not Available
<b>EYE DAMAGE/IRRITATION:</b>	Not Available
<b>RESPIRATORY OR SKIN SENSITIZATION:</b>	Not Available
<b>GERM CELL MUTAGENICITY:</b>	Not Available
<b>CARCINOGENICITY:</b>	Quartz (CAS 14808-60-7) is listed by the IARC and the NTP to cause cancer in humans.
<b>REPRODUCTIVE TOXICITY:</b>	Not Available
<b>STOST- SINGLE EXPOSURE:</b>	Not Available
<b>STOST- REPEATED EXPOSURE:</b>	Not Available
<b>ASPIRATION HAZARD:</b>	Not Available

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### 12. ECOLOGICAL INFORMATION

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<b>ECOTOXICITY:</b>	Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available.
<b>PERSISTENCE/DEGRADABILITY:</b>	Not Available
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not Available
<b>MOBILITY IN SOIL:</b>	Not Available

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### 13. DISPOSAL CONSIDERATIONS

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Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

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### 14. TRANSPORT INFORMATION

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<b>UN/NA Number:</b>	Not Regulated
<b>DOT SHIPPING NAME:</b>	Not Regulated
<b>DOT HAZARD CLASS:</b>	Not Regulated
<b>IMDG – P.S.N.:</b>	Not Regulated

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<b>IMDG – CLASS:</b>	Not Regulated
<b>IMDG – PACKING GROUP:</b>	Not Regulated
<b>IMDG – Marine Pollutant:</b>	Not Regulated
<b>IATA - P.S.N.:</b>	Not Regulated
<b>IATA - CLASS:</b>	Not Regulated
<b>IATA – PACKING GROUP:</b>	Not Regulated

This product and its ingredients are NOT considered dangerous goods according to the **UN Model Regulations, ADR, RID, and the ADN.**

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## 15. REGULATORY INFORMATION

### **US REGULATIONS**

**US SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

<i>Hazardous Ingredient</i>	<i>SARA 302 (40 CFR 355, Appendix A)</i>	<i>SARA 304 (40 CFR Table 302.4)</i>	<i>SARA 313 (40 CFR 372.65)</i>
Quartz, Amorphous Silica	No	No	No

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs(4,540 kg) therefore applies, per 40 CFR 370.20

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**SARA 311/312(40 CFR 370) HAZARDS:** Acute: No, Chronic: No, Fire: No, Pressure: No

**CALIFORNIA, (PROPOSITION 65):** Quartz, Crystalline silica

**TSCA INVENTORY STATUS:** These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

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## 16. OTHER INFORMATION

### **HMIS Rating: Health-1, Fire-0, Reactive-0**

This product contains crystalline silica which is hazardous if it is inhaled. However, in this product, the silica is wetted out with various polyorganosiloxanes to where it is no longer in powder form, meaning it is incapable of becoming airborne under normal use conditions. Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product's hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

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.

Date Created/Revised: 2/12/18

Made By: Daniel Shaw