

GE5070

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** GE5070

**Other means of identification**

**Synonyms:** SILICONE SEALANT

**Recommended use and restriction on use**

**Recommended use:** Silicone Elastomer

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information** : Momentive Amer Ind.  
260 HUDSON RIVER RD, 12188-1910 , USA  
**Contact person** : commercial.services@momentive.com

**Telephone** : General information  
+1-800-295-2392

**Emergency telephone number**  
**Supplier** : CHEMTREC  
1-800-424-9300

## 2. Hazard(s) identification

**Hazard Classification**

**Health Hazards**

|                       |             |
|-----------------------|-------------|
| Skin sensitizer       | Category 1  |
| Toxic to reproduction | Category 1B |

**Unknown toxicity - Health**

|                                          |     |
|------------------------------------------|-----|
| Acute toxicity, oral                     | 0 % |
| Acute toxicity, dermal                   | 0 % |
| Acute toxicity, inhalation, vapor        | 0 % |
| Acute toxicity, inhalation, dust or mist | 0 % |

**Label Elements**

**Hazard Symbol:**

GE5070



**Signal Word:** Danger

**Hazard Statement:** H317; May cause an allergic skin reaction.  
H360; May damage fertility or the unborn child.

**Precautionary Statements**

**Prevention:** Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Wash contaminated clothing before reuse.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification:** None.

**Substance(s) formed under the conditions of use:** Generates methanol during cure.

**3. Composition/information on ingredients**

**GE5070**

**Mixtures**

| Chemical Identity                                                                                                  | CAS number | Content in percent (%)* | Notes                                             |
|--------------------------------------------------------------------------------------------------------------------|------------|-------------------------|---------------------------------------------------|
| SILANE, DICHLORODIMETHYL-, REAKTION PRODUCTS WITH SILICA, Silane, dichlorodimethyl-, reaction products with silica | 68611-44-9 | 5 - <10%                | # This substance has workplace exposure limit(s). |
| Distillates, petroleum, hydrotreated middle                                                                        | 64742-46-7 | 5 - <10%                | # This substance has workplace exposure limit(s). |
| Hexamethyldisilazane                                                                                               | 999-97-3   | 1 - <5%                 | # This substance has workplace exposure limit(s). |
| (1) TITANIUM DIOXIDE                                                                                               | 13463-67-7 | 1 - <5%                 | # This substance has workplace exposure limit(s). |
| DIBUTYL TIN BIS ACETYLACETONATE                                                                                    | 22673-19-4 | 0.1 - <0.3%             | # This substance has workplace exposure limit(s). |
| (1) Silica                                                                                                         | 7631-86-9  | 0.1 - <1%               | # This substance has workplace exposure limit(s). |
| (1) Aluminum oxide                                                                                                 | 1344-28-1  | 0.1 - <1%               | # This substance has workplace exposure limit(s). |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**4. First-aid measures**

|                      |                                                                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ingestion:</b>    | If swallowed, do NOT induce vomiting. Give a glass of water.                                                                                                             |
| <b>Inhalation:</b>   | If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.      |
| <b>Skin Contact:</b> | To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation occurs: Get medical advice/attention. |

**GE5070**

**Eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** This product reacts with moisture in the acid contents of the stomach to form methanol.

**5. Fire-fighting measures**

**General Fire Hazards:** No data available.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray (fog).

**Unsuitable extinguishing media:** water jet

**Specific hazards arising from the chemical:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No specific fire or explosion hazard.

**Special protective equipment for fire-fighters:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Avoid contact with skin and eyes. Keep out of reach of children. Keep container tightly closed. Adequate ventilation should be provided so that exposure limits are not exceeded. Product releases methanol during application and curing.

**GE5070**

**Methods and material for containment and cleaning up:**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

**7. Handling and storage**

**Precautions for safe handling:**

Sensitivity to static discharge is not expected. Methanol is formed during processing. Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash thoroughly after handling. See Section 8 of the SDS for Personal Protective Equipment.

**Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed and dry.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

| Chemical Identity                                                 | Type    | Exposure Limit Values | Source                                                                                     |
|-------------------------------------------------------------------|---------|-----------------------|--------------------------------------------------------------------------------------------|
| Distillates, petroleum, hydrotreated middle - Inhalable fraction. | TWA     | 5 mg/m3               | US. ACGIH Threshold Limit Values (03 2015)                                                 |
| Distillates, petroleum, hydrotreated middle - Mist.               | REL     | 5 mg/m3               | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                                         |
|                                                                   | STEL    | 10 mg/m3              | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                                         |
|                                                                   | PEL     | 5 mg/m3               | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                |
|                                                                   | TWA     | 5 mg/m3               | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)                                             |
|                                                                   | TWA     | 5 mg/m3               | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
| Distillates, petroleum, hydrotreated middle                       | ST ESL  | 3,500 µg/m3           | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)  |
|                                                                   | AN ESL  | 350 µg/m3             | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)  |
| Distillates, petroleum, hydrotreated middle - Mist.               | TWA PEL | 5 mg/m3               | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015) |
| (1) TITANIUM DIOXIDE                                              | TWA     | 10 mg/m3              | US. ACGIH Threshold Limit Values (03 2015)                                                 |
| (1) TITANIUM DIOXIDE - Total dust.                                | PEL     | 15 mg/m3              | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                |
|                                                                   | TWA     | 10 mg/m3              | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)                                             |
|                                                                   | TWA     | 10 mg/m3              | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
| (1) TITANIUM DIOXIDE - Particulate.                               | ST ESL  | 50 µg/m3              | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)  |
|                                                                   | AN ESL  | 5 µg/m3               | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)  |
| (1) TITANIUM DIOXIDE - Total dust.                                | TWA PEL | 10 mg/m3              | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01       |

**GE5070**

|                                                |         |                                                |                                                                                                     |
|------------------------------------------------|---------|------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| (1) TITANIUM DIOXIDE - Respirable fraction.    | TWA PEL | 5 mg/m3                                        | 2015)<br>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015) |
|                                                | TWA     | 15 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                                     |
| (1) TITANIUM DIOXIDE - Total dust.             | TWA     | 15 mg/m3                                       | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                                     |
| (1) TITANIUM DIOXIDE - Respirable fraction.    | TWA     | 5 mg/m3                                        | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                                     |
| (1) TITANIUM DIOXIDE - Total dust.             | TWA     | 50 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                                     |
| DIBUTYL TIN BIS ACETYLACETONATE - as Sn        | STEL    | 0.2 mg/m3                                      | US. ACGIH Threshold Limit Values (03 2015)                                                          |
|                                                | TWA     | 0.1 mg/m3                                      | US. ACGIH Threshold Limit Values (03 2015)                                                          |
|                                                | REL     | 0.1 mg/m3                                      | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                                                  |
|                                                | PEL     | 0.1 mg/m3                                      | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                         |
|                                                | TWA     | 0.1 mg/m3                                      | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)                                                      |
|                                                | TWA     | 0.1 mg/m3                                      | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                              |
| DIBUTYL TIN BIS ACETYLACETONATE - Particulate. | AN ESL  | 0.1 µg/m3                                      | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)           |
|                                                | ST ESL  | 1 µg/m3                                        | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)           |
| DIBUTYL TIN BIS ACETYLACETONATE - as Sn        | TWA PEL | 0.1 mg/m3                                      | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015)          |
|                                                | STEL    | 0.2 mg/m3                                      | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015)          |
| (1) Silica                                     | REL     | 6 mg/m3                                        | US. NIOSH: Pocket Guide to Chemical Hazards (2010)                                                  |
|                                                | TWA     | 6 mg/m3                                        | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)                                                      |
|                                                | TWA     | 6 mg/m3                                        | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                              |
| (1) Silica - Particulate.                      | ST ESL  | 27 µg/m3                                       | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)           |
|                                                | AN ESL  | 2 µg/m3                                        | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)           |
| (1) Silica                                     | TWA     | 20 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)                                                        |
|                                                | TWA     | 0.8 mg/m3                                      | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)                                                        |
| (1) Aluminum oxide - Respirable fraction.      | TWA     | 1 mg/m3                                        | US. ACGIH Threshold Limit Values (03 2015)                                                          |
|                                                | PEL     | 5 mg/m3                                        | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                         |
| (1) Aluminum oxide - Total dust.               | PEL     | 15 mg/m3                                       | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)                         |
| (1) Aluminum oxide -                           | TWA     | 5 mg/m3                                        | US. OSHA Table Z-1-A (29 CFR 1910.1000)                                                             |

**GE5070**

|                                           |         |                                                |                                                                                            |
|-------------------------------------------|---------|------------------------------------------------|--------------------------------------------------------------------------------------------|
| Respirable fraction.                      |         |                                                | (1989)                                                                                     |
| (1) Aluminum oxide - Total dust.          | TWA     | 10 mg/m3                                       | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)                                             |
| (1) Aluminum oxide - Respirable fraction. | TWA     | 5 mg/m3                                        | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
| (1) Aluminum oxide - Total dust.          | TWA     | 10 mg/m3                                       | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)                     |
| (1) Aluminum oxide - Particulate.         | AN ESL  | 5 µg/m3                                        | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)  |
|                                           | ST ESL  | 50 µg/m3                                       | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)  |
| (1) Aluminum oxide - Respirable fraction. | TWA PEL | 5 mg/m3                                        | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015) |
| (1) Aluminum oxide - Total dust.          | TWA PEL | 10 mg/m3                                       | US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (01 2015) |
|                                           | TWA     | 50 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                            |
| (1) Aluminum oxide - Respirable fraction. | TWA     | 15 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                            |
|                                           | TWA     | 5 mg/m3                                        | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                            |
| (1) Aluminum oxide - Total dust.          | TWA     | 15 mg/m3                                       | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)                                            |

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**Appropriate Engineering Controls**

Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment**

**General information:** Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**Eye/face protection:** Safety glasses with side shields

**Skin Protection**

**Hand Protection:** Cloth gloves.

**Other:** Wear suitable protective clothing and eye/face protection.

**GE5070**

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory Protection:</b> | If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).                                                                                                                                 |
| <b>Hygiene measures:</b>       | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Ensure that eyewash stations and safety showers are close to the workstation location. |

**9. Physical and chemical properties**

**Appearance**

|                                                              |                       |
|--------------------------------------------------------------|-----------------------|
| <b>Physical state:</b>                                       | solid                 |
| <b>Form:</b>                                                 | solid                 |
| <b>Color:</b>                                                | White                 |
| <b>Odor:</b>                                                 | Ammonia.              |
| <b>Odor threshold:</b>                                       | No data available.    |
| <b>pH:</b>                                                   | Not applicable        |
| <b>Melting point/freezing point:</b>                         | Not applicable        |
| <b>Initial boiling point and boiling range:</b>              | Not applicable        |
| <b>Flash Point:</b>                                          | > 93.3 °C (estimated) |
| <b>Evaporation rate:</b>                                     | No data available.    |
| <b>Flammability (solid, gas):</b>                            | No data available.    |
| <b>Upper/lower limit on flammability or explosive limits</b> |                       |
| <b>Flammability limit - upper (%):</b>                       | No data available.    |
| <b>Flammability limit - lower (%):</b>                       | No data available.    |
| <b>Explosive limit - upper (%):</b>                          | No data available.    |
| <b>Explosive limit - lower (%):</b>                          | No data available.    |
| <b>Heat of combustion:</b>                                   | No data available.    |
| <b>Vapor pressure:</b>                                       | Not applicable        |
| <b>Vapor density:</b>                                        | No data available.    |
| <b>Density:</b>                                              | No data available.    |
| <b>Relative density:</b>                                     | 1.02                  |
| <b>Solubility(ies)</b>                                       |                       |
| <b>Solubility in water:</b>                                  | Insoluble             |
| <b>Solubility (other):</b>                                   | Slightly in Toluene   |

**GE5070**

|                                                         |                    |
|---------------------------------------------------------|--------------------|
| <b>Partition coefficient (n-octanol/water) Log Pow:</b> | No data available. |
| <b>Auto-ignition temperature:</b>                       | No data available. |
| <b>Decomposition temperature:</b>                       | No data available. |
| <b>SADT:</b>                                            | No data available. |
| <b>Viscosity, dynamic:</b>                              | No data available. |
| <b>Viscosity, kinematic:</b>                            | No data available. |
| <b>VOC:</b>                                             | 27 g/l ;           |

**10. Stability and reactivity**

|                                            |                                                                                                                                                                                                      |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | No dangerous reaction if used as recommended.                                                                                                                                                        |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.                                                                                                                                                          |
| <b>Possibility of hazardous reactions:</b> | Hazardous polymerisation does not occur.                                                                                                                                                             |
| <b>Conditions to avoid:</b>                | None known.                                                                                                                                                                                          |
| <b>Incompatible Materials:</b>             | None known.                                                                                                                                                                                          |
| <b>Hazardous Decomposition Products:</b>   | Carbon dioxide Ammonia. Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation. |

**11. Toxicological information**

**Information on likely routes of exposure**

|                      |                    |
|----------------------|--------------------|
| <b>Ingestion:</b>    | No data available. |
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |

**Symptoms related to the physical, chemical and toxicological characteristics**

|                      |                    |
|----------------------|--------------------|
| <b>Ingestion:</b>    | No data available. |
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |

**GE5070**

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Hexamethyldisilazane LD 50 (Rat): 870 mg/kg

(1) TITANIUM DIOXIDE LD 50 (Rat): > 10,000 mg/kg

(1) Silica LD 50 (Rat): > 15,000 mg/kg

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

(1) TITANIUM DIOXIDE LD 50 (Rabbit): > 10,000 mg/kg

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

(1) TITANIUM DIOXIDE LC50 (Rat): > 6.8 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Specified substance(s):**

(1) Silica (Rabbit): No skin irritation

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**

(1) TITANIUM DIOXIDE No eye irritation

**Respiratory or Skin Sensitization**

**Product:** No data available.

(1) TITANIUM DIOXIDE negative

|          |                    |
|----------|--------------------|
| Product: | No data available. |
|----------|--------------------|

No carcinogenic components identified

|          |                    |
|----------|--------------------|
| Product: | No data available. |
|----------|--------------------|

|          |                    |
|----------|--------------------|
| Product: | No data available. |
|----------|--------------------|

**Product:** No data available.

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|

**Product:** No data available.

**Product:** No data available.

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive. Contains dibutyltin compound(s) - May impair fertility. May cause harm to unborn child.

GE5070

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

(1) TITANIUM DIOXIDE LC0 (Leuciscus idus, 48 h): > 1,000 mg/l

(1) Silica LC0 (Brachydanio rerio, 96 h): 5,000 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

(1) Silica LC0 (Brachydanio rerio, 4 d): 5,000 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s):**

(1) TITANIUM DIOXIDE 0 %

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

## GE5070

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

|                             |                    |
|-----------------------------|--------------------|
| SILANE,                     | No data available. |
| DICHLORODIMETHYL-,          |                    |
| REAKTION PRODUCTS           |                    |
| WITH SILICA, Silane,        |                    |
| dichlorodimethyl-, reaction |                    |
| products with silica        |                    |
| Distillates, petroleum,     | No data available. |
| hydrotreated middle         |                    |
| Hexamethyldisilazane        | No data available. |
| (1) TITANIUM DIOXIDE        | No data available. |
| DIBUTYL TIN BIS             | No data available. |
| ACETYLACETONATE             |                    |
| (1) Silica                  | No data available. |
| (1) Aluminum oxide          | No data available. |

**Other adverse effects:** No data available.

### 13. Disposal considerations

|                                |                                                                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>    | The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground. |
| <b>Disposal instructions:</b>  | Disposal should be made in accordance with federal, state and local regulations.                                                                                                                                      |
| <b>Contaminated Packaging:</b> | Dispose of as unused product.                                                                                                                                                                                         |

### 14. Transport information

**DOT**  
Not regulated.

**IMDG**  
Not regulated.

**IATA**  
Not regulated.

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

GE5070

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Reproductive toxicity

Respiratory or Skin Sensitization

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous Chemical**

| <u>Chemical Identity</u>    | <u>Threshold Planning Quantity</u> |
|-----------------------------|------------------------------------|
| SILANE,                     | 10000 lbs                          |
| DICHLORODIMETHYL-,          |                                    |
| REAKTION PRODUCTS           |                                    |
| WITH SILICA, Silane,        |                                    |
| dichlorodimethyl-, reaction |                                    |
| products with silica        |                                    |
| Distillates, petroleum,     | 10000 lbs                          |
| hydrotreated middle         |                                    |
| Hexamethyldisilazane        | 10000 lbs                          |
| (1) TITANIUM DIOXIDE        | 10000 lbs                          |
| DIBUTYL TIN BIS             | 10000 lbs                          |
| ACETYLACETONATE             |                                    |
| (1) Silica                  | 10000 lbs                          |
| (1) Aluminum oxide          | 10000 lbs                          |

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

---

GE5070



**WARNING**

Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**US. New Jersey Worker and Community Right-to-Know Act**

**Chemical Identity**

METHYLPOLYSILOXANE  
SILANE, DICHLORODIMETHYL-, REAKTION PRODUCTS WITH  
SILICA, Silane, dichlorodimethyl-, reaction products with silica  
Distillates, petroleum, hydrotreated middle  
SILOXANES AND SILICONES, DI-ME  
Hexamethyldisilazane  
(1) TITANIUM DIOXIDE  
DIBUTYL TIN BIS ACETYLACETONATE  
(1) Aluminum oxide

**US. Massachusetts RTK - Substance List**

**Chemical Identity**

Distillates, petroleum, hydrotreated middle  
10,10'-OXYBISPHENOXARSINE

**US. Pennsylvania RTK - Hazardous Substances**

**Chemical Identity**

Distillates, petroleum, hydrotreated middle  
(1) TITANIUM DIOXIDE

**US. Rhode Island RTK**

**Chemical Identity**

Distillates, petroleum, hydrotreated middle

**GE5070**

**Inventory Status:**

|                                                  |                      |                                                        |
|--------------------------------------------------|----------------------|--------------------------------------------------------|
| Australia AICS:                                  | n (Negative listing) | Remarks: None.                                         |
| Canada DSL Inventory List:                       | y (positive listing) | Remarks: None.                                         |
| EU EINECS List:                                  | y (positive listing) | Remarks: None.                                         |
| Japan (ENCS) List:                               | n (Negative listing) | Remarks: None.                                         |
| China Inventory of Existing Chemical Substances: | y (positive listing) | Remarks: None.                                         |
| Korea Existing Chemicals Inv. (KECI):            | n (Negative listing) | Remarks: None.                                         |
| Canada NDSL Inventory:                           | n (Negative listing) | Remarks: None.                                         |
| Philippines PICCS:                               | n (Negative listing) | Remarks: None.                                         |
| US TSCA Inventory:                               | y (positive listing) | Remarks: All components are listed or exempted on TSCA |
| New Zealand Inventory of Chemicals:              | n (Negative listing) | Remarks: None.                                         |
| Taiwan. Taiwan inventory (CSNN):                 | y (positive listing) | Remarks: None.                                         |

**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

|                            |          |          |
|----------------------------|----------|----------|
| <b>Health</b>              | <b>*</b> | <b>2</b> |
| <b>Flammability</b>        |          | <b>1</b> |
| <b>Physical Hazards</b>    |          | <b>1</b> |
| <b>PERSONAL PROTECTION</b> |          |          |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**Issue Date:** 08/24/2018

**Revision Date:** No data available.

**Version #:** 2.1

**Further Information:** No data available.

---

**GE5070**

**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

**Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safehandling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

®, \*, and TM indicate trademarks owned by or licensed to Momentive.