

GE5060

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** GE5060

**Other means of identification**

**Synonyms:** Silicone Rubber Sealant

**Recommended use and restriction on use**

**Recommended use: Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials LLC  
260 Hudson River Road  
Waterford NY 12188

**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
Toxic to reproduction	Category 1B

**Label Elements**

**Hazard Symbol:**



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**GE5060**

<b>Signal Word:</b>	Danger
<b>Hazard Statement:</b>	May cause an allergic skin reaction. May damage fertility or the unborn child.
<b>Precautionary Statement</b>	
<b>Prevention:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Avoid breathing dust. Contaminated work clothing should not be allowed out of the workplace.
<b>Response:</b>	IF exposed or concerned: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs:
<b>Storage:</b>	Store locked up.
<b>Disposal:</b>	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.
<b>Other hazards which do not result in GHS classification:</b>	None.
<b>Substance(s) formed under the conditions of use:</b>	Silicone sealant

<b>3. Composition/information on ingredients</b>
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**Mixtures**

Chemical Identity	CAS number	Content in percent (%)*	Notes
Distillates, petroleum, hydrotreated middle	64742-46-7	3 - 7%	# This substance has workplace exposure limit(s).
Hexamethyldisilazane	999-97-3	1 - 5%	No data available.
TITANIUM DIOXIDE	13463-67-7	1 - 5%	# This substance has workplace exposure limit(s).
DIBUTYL TIN BIS ACETYLACETONATE	22673-19-4	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.

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**

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water.

**Inhalation:** 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.

**Skin Contact:** 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.

**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:** None known.

**Hazards:** No data available.

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

**Treatment:** No data available.

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**5. Fire-fighting measures**

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

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** No data available.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**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:** Keep container closed. Avoid contact with skin and eyes. Adequate ventilation should be provided so that exposure limits are not exceeded. Keep out of reach of children.

**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.

**Conditions for safe storage, including any incompatibilities:** Keep away from heat, sparks and open flame. Keep out of the reach of children.

**8. Exposure controls/personal protection**

**Control Parameters**

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**Occupational Exposure Limits**

Chemical Identity	type	Exposure Limit Values	Source
Distillates, petroleum, hydrotreated middle - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2015)
Distillates, petroleum, hydrotreated middle - Mist.	REL	5 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	10 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
TITANIUM DIOXIDE	TWA	10 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2015)
TITANIUM DIOXIDE - Total dust.	PEL	15 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	10 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
DIBUTYL TIN BIS ACETYLACETONATE - as Sn	STEL	0.2 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2015)
	TWA	0.1 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2015)
	REL	0.1 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	0.1 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	0.1 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)

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.

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**Respiratory Protection:** 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).

**Hygiene measures:** No data available.

**9. Physical and chemical properties**

**Appearance**

**Physical state:** solid  
**Form:** solid  
**Color:** Light brown  
**Odor:** Ammonia.  
**Odor threshold:** No data available.  
**pH:** not applicable  
**Melting point/freezing point:** No data available.  
**Initial boiling point and boiling range:** not applicable  
**Flash Point:** > 93.3 °C (estimated)  
**Evaporation rate:** No data available.  
**Flammability (solid, gas):** No data available.  
**Upper/lower limit on flammability or explosive limits**  
**Flammability limit - upper (%):** No data available.  
**Flammability limit - lower (%):** No data available.  
**Explosive limit - upper (%):** No data available.  
**Explosive limit - lower (%):** No data available.  
**Vapor pressure:** not applicable  
**Vapor density:** No data available.  
**Density:** ca. 1.05 g/cm<sup>3</sup>  
**Relative density:** 1.03  
**Solubility(ies)**  
**Solubility in water:** Insoluble  
**Solubility (other):** PARTIAL IN TOLUENE  
**Partition coefficient (n-octanol/water) Log Pow:** No data available.  
**Auto-ignition temperature:** No data available.  
**Decomposition temperature:** No data available.  
**SADT:** No data available.

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**Viscosity, dynamic:** No data available.  
**Viscosity, kinematic:** No data available.  
**VOC:** 27 g/l

**10. Stability and reactivity**

**Reactivity:** No data available.

**Chemical Stability:** No data available.

**Possibility of hazardous reactions:** Hazardous polymerisation does not occur.

**Conditions to avoid:** None known.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** Carbon dioxide Silicon dioxide. Ammonia. 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**

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

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

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Information on toxicological effects**

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

**Oral Product:** No data available.

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**Specified substance(s):**

Hexamethyldisilazane LD 50 (Rat): 870 mg/kg

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

**Dermal**

**Product:** No data available.

**Specified substance(s):**

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

**Inhalation**

**Product:** No data available.

**Specified substance(s):**

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

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

TITANIUM DIOXIDE Overall evaluation: 2B. Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified



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**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:**

Contains dibutyltin compound(s) - May impair fertility. May cause harm to unborn child.

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Oral**

No data available.

**Dermal**

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No data available.

**Inhalation**

No data available.

**Repeated dose toxicity**

No data available.

**Skin Corrosion/Irritation**

No data available.

**Serious Eye Damage/Eye Irritation**

No data available.

**Respiratory or Skin Sensitization**

No data available.

**Carcinogenicity**

No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No data available.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No data available.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No data available.

**Germ Cell Mutagenicity**

**In vitro**

No data available.

**Germ Cell Mutagenicity**

**In vivo**

No data available.

**Reproductive toxicity**

No data available.

**Specific Target Organ Toxicity - Single Exposure**

No data available.

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**Specific Target Organ Toxicity - Single Exposure**

No data available.

**Target Organs**

No data available.

**Aspiration Hazard**

No data available.

**Other effects**

No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

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

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**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):**

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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.

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

**Known or predicted distribution to environmental compartments**

Distillates, petroleum, No data available.

hydrotreated middle

Hexamethyldisilazane No data available.

TITANIUM DIOXIDE No data available.

DIBUTYL TIN BIS No data available.

ACETYLACETONATE

**Known or predicted distribution to environmental compartments**

METHYLPOLYSILOXANE No data available.

SILOXANES AND No data available.

SILICONES, DI-ME

SILANE, No data available.

DICHLORODIMETHYL-,

REAKTION PRODUCTS

WITH SILICA, Silane,

dichlorodimethyl-, reaction

products with silica

**Other Adverse Effects:** No data available.

**13. Disposal considerations**

**Disposal instructions:** Disposal should be made in accordance with federal, state and local regulations.

**Contaminated Packaging:** No data available.

**14. Transport information**

**DOT**

Not regulated.

SDS\_US

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**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.

**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**

Acute Health Hazard  
Immediate (Acute) Health Hazards  
Delayed (Chronic) Health Hazard

**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.

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**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Distillates, petroleum, hydrotreated middle	10000 lbs
Hexamethyldisilazane	10000 lbs
TITANIUM DIOXIDE	10000 lbs
DIBUTYL TIN BIS	10000 lbs
ACETYLACETONATE	

**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**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

TITANIUM DIOXIDE	Carcinogenic.
Methanol	Developmental toxin.

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

<u>Chemical Identity</u>
METHYLPOLYSILOXANE
SILOXANES AND SILICONES, DI-ME
SILANE, DICHLORODIMETHYL-, REAKTION PRODUCTS WITH
SILICA, Silane, dichlorodimethyl-, reaction products with silica
Distillates, petroleum, hydrotreated middle
Hexamethyldisilazane

**US. Massachusetts RTK - Substance List**

<u>Chemical Identity</u>
Distillates, petroleum, hydrotreated middle
10,10'-OXYBISPHENOXARSINE

**US. Pennsylvania RTK - Hazardous Substances**

<u>Chemical Identity</u>
Distillates, petroleum, hydrotreated middle
TITANIUM DIOXIDE

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

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**Inventory Status:**

Australia AICS:	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):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive 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>	*	2
<b>Flammability</b>		1
<b>Physical Hazards</b>		0
<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:** 07/28/2016  
**Revision Date:** No data available.  
**Version #:** 1.7  
**Further Information:** No data available.

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**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.