

**SILICONE II GASKET BLACK GE283/3TG/0.198 Lbs-0.090 Kg  
SILICONE SEALANT****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer Name:** Momentive Performance Materials LLC  
260 Hudson River Road  
Waterford NY 12188

**Revised:** 12/14/2012

**Prepared by**  
**CHEMTREC** Product Regulatory Compliance  
1-800-424-9300

**MSDS Contact**  
**Information** 1-888-443-9466  
4information@momentive.com

**Chemical Family/Use:** Sealant

**Formula:** Silicone sealant

**HMIS**

Health: 1 Flammability: 1 Reactivity: 0

**NFPA**

Health: 1 Flammability: 1 Reactivity: 0

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

WARNING! May be harmful if swallowed, in contact with skin or if inhaled. Irritating to eyes, respiratory system and skin. Attention: Not for injection into humans.

**Form:** Paste

**Form:** Black

**Odor:** Faint

**POTENTIAL HEALTH EFFECTS****INGESTION**

May be harmful if swallowed and enters airways.

**SKIN**

Uncured product contact will irritate lips, gums and tongue. Skin irritation is possible after contact with the uncured product.

**INHALATION**

Applies in uncured state. May also cause other effects as listed under "Ingestion".

**EYES**

Eye irritation on contact with the uncured product.

**MEDICAL CONDITIONS AGGRAVATED**

Pre-existing skin or respiratory diseases.

**SILICONE II GASKET BLACK GE283/3TG/0.198 Lbs-0.090 Kg  
SILICONE SEALANT****SUBCHRONIC (TARGET ORGAN )**

Skin; Central nervous system.

**CHRONIC EFFECTS / CARCINOGENICITY**

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**ROUTES OF EXPOSURE**

Eye; Skin absorption.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS-No.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	5 - 10 %
Hexamethyldisilazane	999-97-3	1 - 5 %
Methyltrimethoxysilane	1185-55-3	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
Methoxypolydimethylsiloxane	68037-58-1	60 - 100 %
Treated Filler	68611-44-9	5 - 10 %
Polydimethylsiloxane	63148-62-9	5 - 10 %

**4. FIRST AID MEASURES****INGESTION**

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

**SKIN**

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.

**SILICONE II GASKET BLACK GE283/3TG/0.198 Lbs-0.090 Kg  
SILICONE SEALANT****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.

**EYES**

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

**NOTE TO PHYSICIAN**

Treatment is symptomatic and supportive.

**5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	> 93.3 °C; 200 °F
<b>METHOD</b>	Estimated
<b>IGNITION TEMPERATURE:</b>	No data available.
<b>FLAMMABLE LIMITS LEL:</b>	No data available.
<b>FLAMMABLE LIMITS UEL:</b>	No data available.

**SENSITIVITY TO MECHANICAL IMPACT:** No

**SENSITIVITY TO STATIC DISCHARGE**

Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA**

All standard extinguishing agents are suitable.

**SPECIAL FIRE FIGHTING PROCEDURES**

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES****ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

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.



# MATERIAL SAFETY DATA SHEET

Version: 1.8  
12/14/2012

## SILICONE II GASKET BLACK GE283/3TG/0.198 Lbs-0.090 Kg SILICONE SEALANT

### 7. HANDLING AND STORAGE

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed. Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases methanol during application and curing. May generate formaldehyde at temperatures greater than 150 C(300 F). See Section 8 of the MSDS for Personal Protective Equipment.

#### STORAGE

Keep away from heat, sparks and open flame. Keep out of the reach of children. Keep container tightly closed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### ENGINEERING CONTROLS

Safety shower.

#### 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).

#### PROTECTIVE GLOVES

Rubber or plastics gloves

#### EYE AND FACE PROTECTION

Safety glasses with side shields

#### OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

#### Exposure Guidelines

<u>Component</u>	<u>CAS-No.</u>	<u>Source</u>	<u>Value</u>
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

**SILICONE II GASKET BLACK GE283/3TG/0.198 Lbs-0.090 Kg  
SILICONE SEALANT****9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT (°C):</b>	No data available.
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	Not applicable
<b>FREEZING POINT:</b>	No data available.
<b>PHYSICAL STATE:</b>	Paste
<b>ODOR:</b>	Faint
<b>Color:</b>	Black
<b>SPECIFIC GRAVITY:</b>	ca. 1.01
<b>ACID / ALKALINITY (MEQ/G):</b>	No data available.
<b>pH:</b>	No data available.
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Soluble in toluene
<b>VOLATILE ORGANIC CONTENT:</b>	2.2 %(m)
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	27 g/l

**10. STABILITY AND REACTIVITY****STABILITY**

Stable

**HAZARDOUS POLYMERIZATION.**

Hazardous polymerisation does not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide; Silicon dioxide.; Formaldehyde.; This product contains methylpolysiloxanes which will likely 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 has been classified by the National Toxicology Program as a known human carcinogen. A MSDS for formaldehyde is available from Momentive. See Section 11 for additional information on formaldehyde.

**INCOMPATIBLE MATERIALS**

None known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION****ACUTE ORAL**

Remarks: No data available.

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**CARCINOGENICITY**

The National Toxicology Program (NTP) classifies formaldehyde as "known to be a human carcinogen" with respect to nasopharyngeal cancer, sinonasal cancer and myeloid leukemia. The International Agency for Research on Cancer (IARC) classifies formaldehyde as "carcinogenic to humans". U.S. OSHA regulates formaldehyde as a potential human carcinogen. See the OSHA Formaldehyde Workplace Standard at 29 CFR 1920.1048 (the "OSHA Standard"). Safe handling and use instructions are provided in this MSDS and in the OSHA Standard. OSHA has identified 0.5 ppm, calculated as an eight-hour time-weighted average ("TWA") concentration, as the "Action Level". Please review and understand the guidance contained in this MSDS, and refer to the OSHA Standard for regulatory requirements that might be applicable to your operation and use. Many studies and other evaluations have been performed concerning formaldehyde's potential to cause cancer. To review some of these studies and for further information go to [www.osha.gov](http://www.osha.gov); <http://monographs.iarc.fr>; <http://ntp-server.niehs.nih.gov>; <http://epa.gov>; <http://www.nap.edu> and other authoritative websites then search on formaldehyde.

**ACUTE DERMAL**

Remarks: No data available.

**ACUTE INHALATION**

Remarks: No data available.

**OTHER**

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

**SENSITIZATION**

No data available.

**SKIN IRRITATION.**

No data available.

**EYE IRRITATION**

No data available.

**MUTAGENICITY**

No data available.

**OTHER EFFECTS OF OVEREXPOSURE**

Methanol is formed during processing.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

Ecotoxicological data for this product is not available.

**SILICONE II GASKET BLACK GE283/3TG/0.198 Lbs-0.090 Kg  
SILICONE SEALANT****DISTRIBUTION**

No data available.

**CHEMICAL FATE**

No data available.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

**14. TRANSPORT INFORMATION****Further Information:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

**15. REGULATORY INFORMATION****Inventories**Australia Inventory of Chemical      n (Negative listing)  
Substances (AICS)

Canada DSL Inventory                      y (positive listing)

EU list of existing chemical              y (positive listing)  
substancesJapan Inventory of Existing & New      n (Negative listing)  
Chemical Substances (ENCS)China Inventory of Existing              n (Negative listing)  
Chemical SubstancesKorea Existing Chemicals                n (Negative listing)  
Inventory (KECI)

Canada NDSL Inventory                  n (Negative listing)

Philippines Inventory of Chemicals    n (Negative listing)  
and Chemical Substances

(PICCS)

TSCA list                                      y (positive listing)

All components are listed or exempted on  
TSCANew Zealand Inventory of                n (Negative listing)  
Chemicals

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**US Regulatory Information**

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**SARA (311,312) HAZARD CLASS**

Acute Health Hazard

**SARA (313) CHEMICALS**

58-36-6, 10, 10'-oxybisphenoxarsine.

**CALIFORNIA PROPOSITION 65**

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Canadian Regulatory Information****WHMIS CLASSIFICATION**

D2B - Toxic Material Causing Other Toxic Effects

**16. OTHER INFORMATION****OTHER**

C = ceiling limit      NEGL = negligible  
EST = estimated      NF = none found  
NA = not applicable      UNKN = unknown  
NE = none established      REC = recommended  
ND = none determined      V = recommended by vendor  
SKN = skin      TS = trade secret  
R = recommended      MST = mist  
NT = not tested      STEL = short term exposure limit  
ppm = parts per million      ppb = parts per billion

By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).  
, These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.