



**MOMENTIVE**  
performance materials

Version: 1.5  
11/26/2008

## SILICONE II K&B ALMOND GE5060/12C/0.730 Lbs-0.331 Kg Silicone Rubber Sealant

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

219345 Part# GE5060  
SILICONE,GE,ALMOND,10-OZ #5060  
2304000 MOMENTIVE PERF. MATERIALS  
Buyer: Bernard W. Aubuchon Jr.

**Manufactured By:** Waterford Plant  
260 Hudson River Rd  
Waterford NY 12188

**Revised:** 11/26/2008  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC:** 1-800-424-9300

**Chemical Family/Use:** Silicone Rubber  
**Formula:** Silicone sealant

**HMIS**  
Flammability: 0      Reactivity: 0      Health: 1

**NFPA**  
Flammability: 0      Reactivity: 0      Health: 1

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**WARNING!** Harmful by inhalation, in contact with skin and if swallowed. May cause skin, eye, and stomach irritation. May cause central nervous system depression. May cause adverse reproductive effects. Adverse reproductive effects reported in animals.

Form: solid      Color: ALMOND      Odor: Ammonia

#### POTENTIAL HEALTH EFFECTS

##### INGESTION

May be harmful if swallowed. May cause stomach discomfort. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Not an anticipated route of exposure.

##### SKIN

Skin irritation is possible after contact with the uncured product. Uncured product contact will irritate lips, gums and tongue. May cause mild skin irritation. May be absorbed through skin and produce effects as listed under "Ingestion".

##### INHALATION

Causes mild respiratory tract irritation. Applies in uncured state. May also cause other effects as listed under "Ingestion".

##### EYES

Eye irritation on contact with the uncured product. May cause mild eye irritation.

##### MEDICAL CONDITIONS AGGRAVATED

Pre-existing skin or respiratory diseases.



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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.



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### **EYES**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### **NOTE TO PHYSICIAN**

None known.

## **5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	> 93.3 °C; 200 °F
<b>METHOD:</b>	estimated
<b>IGNITION TEMPERATURE:</b>	Unknown
<b>FLAMMABLE LIMITS IN AIR - LOWER (%):</b>	not applicable
<b>FLAMMABLE LIMITS IN AIR - UPPER (%):</b>	not applicable
<b>SENSITIVITY TO MECHANICAL IMPACT:</b>	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.

## **7. HANDLING AND STORAGE**

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

Keep container closed when not in use. Avoid contact with skin and eyes. Use mechanical ventilation to stay below TLV of 25 ppm ammonia. Keep away from children. Store away from heat, sources of ignition, and incompatibles.



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**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

Methanol released during curing.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**

No data available

**DISTRIBUTION**

No data available

**CHEMICAL FATE**

No data available

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD**

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**



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DENSITY:	ca. 1.05 g/cm <sup>3</sup>
ACID / ALKALINITY (MEQ/G):	not applicable
pH:	not applicable
VOLATILE ORGANIC CONTENT (VOL):	2.2 %(m)
SOLUBILITY IN WATER (20 C):	insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	PARTIAL IN TOLUENE
VOC EXCL. H <sub>2</sub> O & EXEMPTS (G/L):	27

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon monoxide; Carbon dioxide (CO<sub>2</sub>); Silicon dioxide.; Methanol; formaldehyde; Ammonia; 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.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: Unknown

**ACUTE DERMAL**

Remarks: Unknown

**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

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



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**STORAGE**

Store away from heat, sources of ignition, and incompatibles. Keep out of the reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Eyewash stations; Showers

**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**

Cloth gloves.

**EYE AND FACE PROTECTION**

Safety glasses

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

Component	CAS RN	Source	Value
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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).

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT - C &amp; F:</b>	not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	not applicable
<b>VAPOR DENSITY (AIR=1):</b>	No data available
<b>FREEZING POINT:</b>	Unknown
<b>PHYSICAL STATE:</b>	solid
<b>ODOR:</b>	Ammonia
<b>COLOR:</b>	ALMOND
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	No data available
<b>SPECIFIC GRAVITY (WATER=1):</b>	1.03



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Canada DSL Inventory	y (positive listing)
Korea Existing Chemicals Inventory (KECI)	y (positive listing)
China Inventory of Existing Chemical Substances	y (positive listing)
Australia Inventory of Chemical Substances (AICS)	y (positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)
EU list of existing chemical substances	y (positive listing)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
TSCA list	y (positive listing)

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

**US Regulatory Information**

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

Acute Health Hazard; Chronic Health Hazard

**SARA (313) CHEMICALS**

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

**CALIFORNIA PROPOSITION 65**

WARNING! This product contains a chemical known in the State of California to cause cancer.  
108-88-3, Toluene.

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**

D2A - Very Toxic Material Causing Other Toxic Effects  
D2B - Toxic Material Causing Other Toxic Effects

**16. OTHER INFORMATION**

**OTHER**

C = ceiling limit applicable	NEGL = negligible	EST = estimated	NF = none found	NA = not determined
determined	UNKN = unknown	NE = none established	REC = recommended	ND = none recommended
V = 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		



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**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**  
Inhalation; Dermal; Eyes; Oral.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	1 - 5 %
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 %
Polydimethylsiloxane	63148-62-9	10 - 30 %
Treated Filler	68611-44-9	10 - 30 %
DISTILLATES, PETROLEUM, HYDROTREATED	64742-47-8	000000003682

**4. FIRST AID MEASURES**

**INGESTION**  
Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

**SKIN**  
To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation persists, call a physician.

**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.