



GE281 3TG-Tube (0.198LBS-0.090KG) SILICONE SEALANT

250720 Part# GE281 Version: 1.1 '19/2006
CAULK, TUB, GE SILICONE, 2.8-OZ.
2304000 MOMENTIVE PERF. MATERIALS
Buyer: Bernard W. Aubuchon Jr.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: GES Waterford Plant
260 Hudson River Rd
Waterford NY 12188
Revised: 10/19/2006
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use:
Formula: Silicone sealant

HMIS
Flammability: 0 Reactivity: 0 Health: 0 Prot. Equipm.:
NFPA
Flammability: 0 Reactivity: 0 Health: 1 Special Haz.:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 3 columns: PRODUCT COMPOSITION, CAS REG NO., WGT. %. Includes sections A. HAZARDOUS and B. NON-HAZARDOUS with various chemical names and their respective percentages.



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**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: white                      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.

**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.

**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.



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**SKIN**

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.

**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, 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**

**FLASH POINT:**

**METHOD:**

not applicable not applicable

**IGNITION TEMPERATURE:**

Unknown

**FLAMMABLE LIMITS IN AIR - LOWER (%):**

Unknown

**FLAMMABLE LIMITS IN AIR - UPPER (%):**

Unknown

**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.



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**7. HANDLING AND STORAGE**

**STORAGE**

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

Avoid contact with skin and eyes. Keep away from children. Keep container tightly closed. Use mechanical ventilation to stay below TLV of 25 ppm ammonia. Store away from heat, sources of ignition, and incompatibles.

**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 29 CFR 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**

<u>Component</u>	<u>CAS RN</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

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>	
<b>FREEZING POINT:</b>	not applicable
<b>MELTING POINT:</b>	not applicable
<b>PHYSICAL STATE:</b>	solid



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ODOR:	Ammonia
COLOR:	white
EVAPORATION RATE (BUTYL ACETATE=1):	
SPECIFIC GRAVITY (WATER=1):	1.03
DENSITY:	1.03 g/cm3
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	not applicable
VOLATILE ORGANIC CONTENT (VOL):	not applicable
SOLUBILITY IN WATER (20 C):	insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	PARTIAL IN TOLUENE
VOC EXCL. H2O & EXEMPTS (G/L):	27.00

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Methanol; Carbon dioxide (CO2); Carbon monoxide; Ammonia; Silicon dioxide.

**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.

**SENSITIZATION**



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**SKIN IRRITATION**

**EYE IRRITATION**

**MUTAGENICITY**  
Unknown

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGY**  
no data available

**CHEMICAL FATE**  
no data available

**DISTRIBUTION**

**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**

TSCA list	y (positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)
Canada NDSL Inventory	n (Negative listing)
EU list of existing chemical substances	y (positive listing)
Australia Inventory of Chemical Substances (AICS)	y (positive listing)
Canada DSL Inventory	y (positive listing)



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Korea Existing Chemicals Inventory (KECI) y (positive listing)  
China Inventory of Existing Chemical Substances y (positive listing)  
For inventories that are marked as quantity restricted or special cases, please contact GE.

**US Regulatory Information**

**CERCLA**  
**PRODUCT COMPOSITION**                      **Chemical**    **CERCLA Reportable Quantity**

**CLEAN AIR ACT**

**CLEAN WATER ACT**

**SARA SECTION 302**

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

**SARA (313) CHEMICALS**

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**  
D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

**Other**

**SCHDLE B/HTSUS:**    3214.10.00.10 Mastic based on rubber

**ECCN:**    EAR99

**CALIFORNIA PROPOSITION 65**  
None.

**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



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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.