

**GE412A
Silicone Rubber Compound****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufactured By: Momentive performance material
260 Hudson River Rd
Waterford NY 12188

Revised: 03/23/2011
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Sealant
Formula: Mixture

HMIS

Flammability: 1 Reactivity: 0 Health: 1

NFPA

Flammability: 1 Reactivity: 0 Health: 1

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. May cause central nervous system depression.

Form: Paste **Color:** bronze **Odor:** Acetic acid.

POTENTIAL HEALTH EFFECTS**INGESTION**

May be harmful if swallowed. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Non toxic.

SKIN

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

INHALATION

Causes mild respiratory tract irritation. Applies in uncured state. May be harmful if inhaled.

EYES

Eye irritation on contact with the uncured product.

MEDICAL CONDITIONS AGGRAVATED

Pre-existing skin or respiratory diseases.

SUBCHRONIC (TARGET ORGAN)

Skin; Central nervous system.

**GE412A
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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

Dermal; Eye; Inhalation

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
DISTILLATES, PETROLEUM, HYDROTREATED	64742-47-8	10 - 30 %
Methyltriacetoxysilane	4253-34-3	1 - 5 %
<u>B. NON-HAZARDOUS</u>		
Dimethylpolysiloxane	70131-67-8	60 - 100 %
Treated Filler	68611-44-9	5 - 10 %
Polydimethylsiloxane	63148-62-9	1 - 5 %

4. FIRST AID MEASURES**INGESTION**

Rinse mouth.

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.

INHALATION

Move to fresh air.

EYES

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

**GE412A
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None known.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93.3 °C; 200 °F
METHOD: Estimated
IGNITION TEMPERATURE: No data available.
FLAMMABLE LIMITS IN AIR - LOWER (%): No data available.
FLAMMABLE LIMITS IN AIR - UPPER (%): 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

None known.

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**

Use only in well-ventilated areas. Avoid contact with skin and eyes. Eye irritation on contact with the uncured product. Skin irritation is possible after contact with the uncured product. **CAUTION!** Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Residual sealant may remain on fingers for several days and transfer to lenses, resulting in eye irritation.

Product releases acetic acid during application and curing. Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.

STORAGE

Store away from heat, sources of ignition, and incompatibles.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION
ENGINEERING CONTROLS

Use only in well-ventilated areas.; Eyewash stations

RESPIRATORY PROTECTION

Use only in well-ventilated areas.

PROTECTIVE GLOVES

Cloth gloves.

EYE AND FACE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

None known.

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; 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

BOILING POINT - C & F:	Not applicable
VAPOR PRESSURE (20 C) (MM HG):	Not applicable
FREEZING POINT:	Not applicable
PHYSICAL STATE:	Paste
Odor:	Acetic acid.
Color:	bronze
SPECIFIC GRAVITY (WATER=1):	1.04
DENSITY:	ca. 1.04 g/cm ³
ACID / ALKALINITY (MEQ/G):	Not applicable
pH:	Not applicable
SOLUBILITY IN WATER (20 C):	Insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Toluene
VOLATILE ORGANIC CONTENT:	2.8 %(m)
VOC EXCL. H₂O & EXEMPTS (G/L):	36 g/l

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10. STABILITY AND REACTIVITY**STABILITY**

Stable

HAZARDOUS POLYMERIZATION

Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon dioxide; Carbon Monoxide.; Acetic acid.; Silicon dioxide.

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Remarks: None known.

ACUTE DERMAL

Remarks: None known.

ACUTE INHALATION

Remarks: None known.

OTHER

None.

SENSITIZATION

No data available.

SKIN IRRITATION

No data available.

EYE IRRITATION

No data available.

MUTAGENICITY

No data available.

OTHER EFFECTS OF OVEREXPOSURE

Acetic acid released during curing.

**GE412A
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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**

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

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

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US Regulatory Information**CERCLA****PRODUCT COMPOSITION****Chemical****CERCLA Reportable Quantity****SARA (311,312) HAZARD CLASS**

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS**CALIFORNIA PROPOSITION 65**

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

7440-38-2, Arsenic. 7439-92-1, Lead. 7440-43-9, Cadmium. 7440-41-7, .

Canadian Regulatory Information**WHMIS HAZARD CLASS**

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.