

SAFETY DATA SHEET

Print Date: 01/30/2019

Revision Date : 11/25/2015

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Commercial Product Name: **Silicone sealant**

Part number: D 176404M2

Date of last issue: 06/11/2013

Version : 4.0

Date of first issue: 10/27/2006

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Silicone sealant

SDS Number : 888100000047

Product Use Description : Sealant

Company : Volkswagen Canada, Inc.
777 Bayly Street West
Ajax, Ontario
Canada L1S 7G7

Telephone : 248 754 4944
8:00 am. – 5:00 pm. EST

Telefax : 248 754 4943

Emergency telephone : 631 996 6666
number

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Regulatory status : This product, material or substance is a WHMIS controlled product per Sections 33 - 66, Part IV of the CPR.

Signal Word : DANGER

Form : paste

Colour : light cream

Odour : vinegar-like

Odour - Control parameters : No data available

Hazard Summary : May cause cancer.

Irritant

Potential Health Effects

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Eyes	: May cause eye irritation.
Target Organs	: Eyes Skin
Skin	: May irritate skin.
Ingestion	: May be harmful if swallowed.
Carcinogenicity: NTP	: Quartz (SiO ₂) (CAS-No.: 14808-60-7) Cristobalite (CAS-No.: 14464-46-1)
IARC	: Quartz (SiO ₂) (CAS-No.: 14808-60-7) Cristobalite (CAS-No.: 14464-46-1) : Titanium dioxide (CAS-No.: 13463-67-7)
OSHA	: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
CA Prop 65	: WARNING! This product contains a chemical known to the State of California to cause cancer. Quartz (SiO ₂) (CAS-No.: 14808-60-7) Cristobalite (CAS-No.: 14464-46-1)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent
Cristobalite	14464-46-1	>= 5 - < 10

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Quartz (SiO₂)

14808-60-7

≥ 1 - < 5

SECTION 4. FIRST AID MEASURES

- General advice : If you feel unwell, seek medical advice (show the label where possible). Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.
- Inhalation : Remove to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician.
- Skin contact : Wash off with soap and water. If symptoms persist, call a physician.
- Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

SECTION 5. FIREFIGHTING MEASURES

- Form : paste
- Flash point : > 150 ° C (> 302 ° F)
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting : Fire will produce dense black smoke containing hazardous combustion products (see section 10).
Exposure to decomposition products may be a hazard to

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health.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear personal protective equipment.
Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Should not be released into the environment.

Methods for cleaning up : Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.
Use mechanical handling equipment.

SECTION 7. HANDLING AND STORAGE

Handling

Handling : Provide sufficient air exchange and/or exhaust in work rooms.
Do not breathe vapours or spray mist.

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Advice on protection : Normal measures for preventive fire protection.
against fire and explosion

Dust explosion class : Not applicable

Storage

Requirements for storage : Store in original container.
areas and containers Keep containers tightly closed in a dry, cool and well-ventilated place.

Further information on : Avoid moisture.
storage conditions

Advice on common storage : Incompatible with oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components	CAS-No.	List	Type:	Value	Update
Cristobalite	14464-46-1	CA ON OEL	TWA	0.05 mg/m3	2012-06-12
Cristobalite	14464-46-1	CA AB OEL	TWA	0.025 mg/m3	2009-04-30
		CA QC OEL	TWAEV	0.05 mg/m3	2012-11-28
		CA BC OEL	TWA	0.025 mg/m3	2013-05-01
Quartz (SiO2)	14808-60-7	CA AB OEL	TWA	0.025 mg/m3	2009-04-30
		CA ON OEL	TWA	0.1 mg/m3	2012-06-12

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		CA QC OEL	TWAEV	0.1 mg/m3	2012-11-28
Quartz (SiO ₂)	14808-60-7	CA BC OEL	TWA	0.025 mg/m ³	2013-05-01

- Engineering measures : Provide adequate ventilation.
- Eye protection : Tightly fitting safety goggles
- Hand protection : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.
For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Lightweight protective clothing
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : paste

Colour : light cream

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Odour	: vinegar-like
Flash point	: > 150 ° C (> 302 ° F)
Thermal decomposition	: > 200 ° C (> 392 ° F) No decomposition if stored and applied as directed.
pH	: Not applicable
Melting point/range	: No data available
Vapour pressure	: No data available
Density	: 1.14 g/cm ³ at 25 ° C (77 ° F)
Water solubility	: practically insoluble
Volatile organic compounds (VOC) content	: 1 %

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Avoid moisture.
Materials to avoid	: Incompatible with oxidizing agents.
Hazardous decomposition products	: Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), dense black smoke. Organic acids Metal oxides

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Thermal decomposition : > 200 ° C

No decomposition if stored and applied as directed.

Hazardous reactions : Note: Stable under recommended storage conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity : No data is available on the product itself.

Teratogenicity : No data is available on the product itself.

Further information : Inhalation of vapours in high concentration may cause irritation of respiratory system.

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound : not included

halogens (AOX)

Volatile organic compounds : 1 %

(VOC) content

Additional ecological : Should not be released into the environment.
information

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.

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SECTION 14. TRANSPORT INFORMATION

DOT 49 CFR

Not dangerous goods

TDGR

Not dangerous goods

ICAO / IATA-DGR

Not dangerous goods

IMDG-Code

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

TSCA Status : On TSCA Inventory**DSL Status** : All components of this product are on the Canadian DSL**California Prop. 65** : WARNING! This product contains a chemical known to the State of California to cause cancer.238-878-4**WHMIS Classification** : D2A Very Toxic Material Causing Other Toxic Effects
D2B Toxic Material Causing Other Toxic Effects
Carcinogen
Moderate eye irritant
Moderate skin irritant

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This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16. OTHER INFORMATION

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 safe handling, 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.

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