

Material Safety Data Sheet

Print Date: 01/30/2019

Revision Date : 05/08/2013

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Commercial Product Name: **Silicone sealant, black**

Part number: D 174003M2

Version : 1.1

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Silicone sealant, black
MSDS Number	:	888100003323
Product Use Description	:	Sealing material for various uses
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 number	:	631 996 6666

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	:	black
Odour	:	vinegar-like
Odour - Control parameters	:	no data available
Hazard Summary	:	May cause irritation of respiratory tract. May irritate eyes. May irritate skin. Irritant May cause cancer.

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Potential Health Effects

Inhalation : May cause respiratory tract irritation.

Eyes : May cause eye irritation.

Skin : May cause skin irritation.

Chronic Exposure : Repeated absorption may result in bladder tumors.

Target Organs : Respiratory system
Skin
Eyes

Carcinogenicity:
ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC : Carbon black (CAS-No.: 1333-86-4)

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.
Titanium dioxide (CAS-No.: 13463-67-7)
Carbon black (CAS-No.: 1333-86-4)

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8	>= 75 - < 80
Methylsilanetriyl triacetate	4253-34-3	>= 2 - < 3
Carbon black	1333-86-4	>= 0.1 - < 0.2

SECTION 4. FIRST AID MEASURES

General advice	: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Remove from exposure, lie down. Never give anything by mouth to an unconscious person. Take off all contaminated clothing immediately.
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.
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. If a person vomits when lying on his back, place him in the recovery position.

SECTION 5. FIREFIGHTING MEASURES

Form	: paste
Flash point	: > 150 ° C (> 302 ° F)

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Lower explosion limit	: Note: no data available
Upper explosion limit	: Note: no data available
Suitable extinguishing media	: Carbon dioxide (CO2) Foam Dry powder Water spray
Extinguishing media which shall not be used for safety reasons	: High volume water jet
Specific hazards during firefighting	: Fire will produce dense black smoke containing hazardous combustion products (see section 10).
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. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use water spray to cool unopened containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Ensure adequate ventilation, especially in confined areas. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	: Should not be released into the environment.
Methods for cleaning up	: Use mechanical handling equipment.

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Flush with plenty of water.

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.

Additional advice : Contaminated surfaces will be extremely slippery.

SECTION 7. HANDLING AND STORAGE

Handling

Handling : Use only in well-ventilated areas.
Avoid contact with skin and eyes.
For personal protection see section 8.

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 tightly closed in a dry and cool place.

Further information on : Avoid moisture.
storage conditions

Advice on common storage : Keep away from food, drink and animal feedingstuffs.
Incompatible with oxidizing agents.

Other data : No decomposition if stored and applied as directed.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Engineering measures : Provide adequate ventilation.

Eye protection : Safety glasses

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.
Avoid contact with the skin and the eyes.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Preventive skin protection (protective ointment for the skin)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Form	: paste
Colour	: black
Odour	: vinegar-like
Flash point	: > 150 ° C (> 302 ° F)
Thermal decomposition	: > 200 ° C (> 392 ° F) No decomposition if stored and applied as directed.
Lower explosion limit	: no data available
Upper explosion limit	: no data available
pH	: not applicable
Melting point/range	: no data available
Boiling point/boiling range	: no data available
Vapour pressure	: no data available
Density	: 1.040 g/cm3 at 20 ° C (68 ° F)
Water solubility	: practically insoluble
Partition coefficient: n-octanol/water	: no data available
Viscosity, dynamic	: no data available
Volatile organic compounds (VOC) content	: 0.00 %

SECTION 10. STABILITY AND REACTIVITY

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- Conditions to avoid : Avoid moisture.
- Materials to avoid : Incompatible with oxidizing agents.
- Hazardous decomposition products : Carbon dioxide (CO₂)
Carbon monoxide
- Thermal decomposition : > 200 ° C
No decomposition if stored and applied as directed.
- Hazardous reactions : No dangerous reaction known under conditions of normal use.

SECTION 11. TOXICOLOGICAL INFORMATION

- Acute inhalation toxicity : Mild respiratory irritant
- Skin irritation : May irritate skin.
- Eye irritation : May irritate eyes.
- Sensitisation : No known sensitising effect.
- 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.

Component:

Siloxanes and Silicones, di-Me,
hydroxy-terminated

70131-67-8

Skin irritation: Classification: Irritating to skin.
Result: Skin irritationEye irritation: Classification: Irritating to eyes.
Result: Eye irritation

Methylsilanetriyl triacetate

4253-34-3

Acute oral toxicity: LD50
Dose: > 300 - 2,000 mg/kg

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Skin irritation: Result: Causes burns.

Carbon black

1333-86-4

Acute oral toxicity: LD50 rat

Dose: > 15,400 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound : not included
halogens (AOX)

Volatile organic compounds : 0.00 %
(VOC) content

Additional ecological : The product should not be allowed to enter drains, water
information courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

DOT 49 CFR

Not dangerous goods

TDGR

Not dangerous goods

ICAO / IATA-DGR

Not dangerous goods

IMDG-Code

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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.Titanium dioxide13463-67-7Carbon black1333-86-4

WHMIS Classification : D2A Very Toxic Material Causing Other Toxic Effects
D2B Toxic Material Causing Other Toxic Effects
Carcinogen
Moderate skin irritant
Mild respiratory irritant
Moderate eye irritant

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

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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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