

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

**SECTION 1. IDENTIFICATION**

Product name : SUPER RTV SILICONE, Black, 256 g  
Product code : 893.3211  
Other means of identification : No data available

**Manufacturer or supplier's details**

Company name of supplier : Würth Canada Limited  
Address : 345 Hanlon Creek Blvd  
GUELPH, ON N1C 0A1  
Telephone : +1 (905) 564 6225  
Telefax : +1 (905) 564 3671  
Emergency telephone : Emergencies involving a spill, fire, explosion or exposure:  
CHEMTREC (24/7): 1-800-424-9300  
Transport related emergencies:  
CANUTEC (24/7): 1-613-996-6666 or \* 666 (cell)  
  
Urgences impliquant un déversement, incendie, explosion ou exposition:  
CHEMTREC (24/7): 1-800-424-9300  
Urgences liées au transport:  
CANUTEC (24/7): 1-613-996-6666 ou \* 666 (cellulaire)  
  
E-mail address : prodsafe@wurth.ca

**Recommended use of the chemical and restrictions on use**

Recommended use : Sealant

---

**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the Hazardous Products Regulations**


Flammable aerosols : Category 1  
Gases under pressure : Compressed gas  
Skin sensitization : Category 1  
Carcinogenicity : Category 2  
Specific target organ toxicity : Category 1 (Blood)  
- repeated exposure  
Skin irritation : Category 2

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
 Date of first issue: 11/23/2010

|| Serious eye damage : Category 1  
 || Simple Asphyxiant : Category 1

**GHS label elements**

|| Hazard pictograms : 

|| Signal Word : Danger

|| Hazard Statements : H222 Extremely flammable aerosol.  
 H280 Contains gas under pressure; may explode if heated.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H351 Suspected of causing cancer.  
 H372 Causes damage to organs (Blood) through prolonged or repeated exposure.  
 May displace oxygen and cause rapid suffocation.

|| Precautionary Statements : **Prevention:**  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P260 Do not breathe spray.  
 P264 Wash skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves, protective clothing, eye protection and face protection.

**Response:**  
 P302 + P352 IF ON SKIN: Wash with plenty of water.  
 P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.  
 P308 + P313 IF exposed or concerned: Get medical attention.  
 P333 + P313 If skin irritation or rash occurs: Get medical attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**  
 P405 Store locked up.  
 P410 + P412 Protect from sunlight. Do not expose to tempera-

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
 Date of first issue: 11/23/2010

tures exceeding 50 °C (122 °F).

**Disposal:**

P501 Dispose of contents and container to an approved waste disposal plant.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
Calcium carbonate	471-34-1	$\geq 10 - < 30$ *
Butan-2-one O,O',O''-(vinylsilyldi)trioxime	2224-33-1	$\geq 5 - < 10$ *
Propane	74-98-6	$\geq 1 - < 5$ *
Ethyl methyl ketoxime	96-29-7	$\geq 1 - < 5$ *
3-Aminopropyltriethoxysilane	919-30-2	$\geq 1 - < 5$ *
Carbon black	1333-86-4	$\geq 1 - < 5$ *

\* Actual concentration or concentration range is withheld as a trade secret

**SECTION 4. FIRST AID MEASURES**

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
 When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : If inhaled, remove to fresh air.  
 Get medical attention.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
 Get medical attention.  
 Wash clothing before reuse.  
 Thoroughly clean shoes before reuse.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
 If easy to do, remove contact lens, if worn.  
 Get medical attention immediately.
- If swallowed : If swallowed, DO NOT induce vomiting.  
 Get medical attention.  
 Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and : Causes skin irritation.  
 May cause an allergic skin reaction.

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

delayed		Causes serious eye damage. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
Notes to physician	:	Treat symptomatically and supportively.

---

**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
Hazardous combustion products	:	Carbon oxides Metal oxides Silicon oxides Nitrogen oxides (NO <sub>x</sub> ) Formaldehyde
Specific extinguishing methods	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

---

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	:	Evacuate personnel to safe areas. Remove all sources of ignition. Ventilate the area. Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment.

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

		<p>Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.</p>
	<p>Methods and materials for containment and cleaning up</p>	<p>: Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.</p>

---

**SECTION 7. HANDLING AND STORAGE**

		<p>Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.</p>
	<p>Local/Total ventilation</p>	<p>: Use only with adequate ventilation. If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventilation.</p>
	<p>Advice on safe handling</p>	<p>: Do not get on skin or clothing. Do not breathe spray. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Keep away from water. Protect from moisture. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment. Do not spray on an open flame or other ignition source.</p>
	<p>Conditions for safe storage</p>	<p>: Store locked up. Keep tightly closed.</p>

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

Keep in a cool, well-ventilated place.  
 Store in accordance with the particular national regulations.  
 Do not pierce or burn, even after use.  
 Keep cool. Protect from sunlight.

Materials to avoid : Do not store with the following product types:  
 Self-reactive substances and mixtures  
 Organic peroxides  
 Oxidizing agents  
 Flammable solids  
 Pyrophoric liquids  
 Pyrophoric solids  
 Self-heating substances and mixtures  
 Substances and mixtures which in contact with water emit flammable gases  
 Explosives  
 Gases

Recommended storage temperature : 5 - 30 °C

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Ingredients with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Calcium carbonate	471-34-1	TWAEV (total dust)	10 mg/m <sup>3</sup>	CA QC OEL
		TWA	10 mg/m <sup>3</sup> (Calcium carbonate)	CA AB OEL
		TWA (Total dust)	10 mg/m <sup>3</sup>	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m <sup>3</sup>	CA BC OEL
		STEL	20 mg/m <sup>3</sup>	CA BC OEL
Propane	74-98-6	TWA	1,000 ppm	CA AB OEL
		TWAEV	1,000 ppm 1,800 mg/m <sup>3</sup>	CA QC OEL
Carbon black	1333-86-4	TWA	3.5 mg/m <sup>3</sup>	CA AB OEL
		TWA (Inhalable)	3 mg/m <sup>3</sup>	CA BC OEL
		TWAEV	3.5 mg/m <sup>3</sup>	CA QC OEL
		TWA (Inhalable particulate matter)	3 mg/m <sup>3</sup>	ACGIH

**These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard.**

Calcium carbonate

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
 Date of first issue: 11/23/2010

**Occupational exposure limits of decomposition products**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl methyl ketoxime	96-29-7	TWA	10 ppm	US WEEL
Ethanol	64-17-5	TWA	1,000 ppm 1,880 mg/m <sup>3</sup>	CA AB OEL
		STEL	1,000 ppm	CA BC OEL
		TWAEV	1,000 ppm 1,880 mg/m <sup>3</sup>	CA QC OEL
		STEL	1,000 ppm	ACGIH

**Engineering measures** : Processing may form hazardous compounds (see section 10).  
 Ensure adequate ventilation, especially in confined areas.  
 Minimize workplace exposure concentrations.  
 If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventilation.

**Personal protective equipment**

**Respiratory protection** : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

**Filter type** : Self-contained breathing apparatus

**Hand protection**

**Material** : Nitrile rubber  
**Break through time** : 480 min  
**Glove thickness** : 0.35 - 0.45 mm

**Remarks** : Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

**Eye protection** : Wear the following personal protective equipment:  
 Chemical resistant goggles must be worn.  
 If splashes are likely to occur, wear:  
 Face-shield

**Skin and body protection** : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.  
 Wear the following personal protective equipment:  
 If assessment demonstrates that there is a risk of explosive atmospheres or flash fires, use flame retardant antistatic protective clothing.  
 Skin contact must be avoided by using impervious protective

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

Hygiene measures	:	clothing (gloves, aprons, boots, etc). If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use.
------------------	---	--

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	aerosol
Propellant	:	Propane, Butane
Color	:	black
Odor	:	characteristic
Odor Threshold	:	No data available
pH	:	substance/mixture is non-soluble (in water)
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Extremely flammable aerosol.
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	Not applicable
Relative vapor density	:	Not applicable
Density	:	1.28 g/cm <sup>3</sup> (20 °C)
Solubility(ies) Water solubility	:	hydrolyzes



**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

Partition coefficient: n-octanol/water : Not applicable

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity  
Viscosity, kinematic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Particle size : Not applicable

---

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Extremely flammable aerosol.  
Vapors may form explosive mixture with air.  
Use at elevated temperatures may form highly hazardous compounds.  
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.  
Can react with strong oxidizing agents.  
Methyl Ethyl Ketoxime (MEKO) is formed upon contact with water or humid air.  
Hazardous decomposition products will be formed upon contact with water or humid air.

Conditions to avoid : Exposure to moisture.  
Heat, flames and sparks.

Incompatible materials : Oxidizing agents  
Water

**Hazardous decomposition products**

Contact with water or humid air : Ethyl methyl ketoxime  
Ethanol

---

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation  
Skin contact

---

## SUPER RTV SILICONE, Black, 256 g

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

Ingestion  
Eye contact

**Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

**Components:****Calcium carbonate:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 420  
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): > 3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

**Butan-2-one O,O',O''-(vinylsilyldi)trioxime:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 425

Acute inhalation toxicity : LC50 (Rat): > 4.83 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2,009 mg/kg  
Method: OECD Test Guideline 402

**Propane:**

Acute inhalation toxicity : LC50 (Rat): > 800000 ppm  
Exposure time: 15 min  
Test atmosphere: gas

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

**Ethyl methyl ketoxime:**

Acute oral toxicity : LD50 (Rat): 2,326 mg/kg  
Acute inhalation toxicity : LC50 (Rat): > 4.83 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Acute dermal toxicity : LD50 (Rabbit): > 1,000 - 1,800 mg/kg

**3-Aminopropyltriethoxysilane:**

Acute oral toxicity : LD50 (Rat): 1,490 mg/kg  
Acute inhalation toxicity : LC50 (Rat): > 0.145 mg/l  
Exposure time: 6 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403  
Acute dermal toxicity : LD50 (Rabbit): 4,076 mg/kg

**Carbon black:**

Acute oral toxicity : LD50 (Rat): > 10,000 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Components:****Calcium carbonate:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

**Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

**Ethyl methyl ketoxime:**

Species : Rabbit  
Result : No skin irritation

**3-Aminopropyltriethoxysilane:**

Species : Rabbit  
Result : Corrosive after 3 minutes to 1 hour of exposure

**Carbon black:**

Species : Rabbit  
Result : No skin irritation

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Components:****Calcium carbonate:**

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405

**Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Species : Rabbit  
Result : Irreversible effects on the eye  
Method : OECD Test Guideline 405

**Ethyl methyl ketoxime:**

Species : Rabbit  
Result : Irreversible effects on the eye

**3-Aminopropyltriethoxysilane:**

Species : Rabbit  
Result : Irreversible effects on the eye

**Carbon black:**

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Components:****Calcium carbonate:**

Test Type : Local lymph node assay (LLNA)  
Routes of exposure : Skin contact  
Species : Mouse  
Method : OECD Test Guideline 429  
Result : negative

**Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Result : positive  
Remarks : Based on data from similar materials

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

Assessment : Probability or evidence of low to moderate skin sensitization rate in humans

**Ethyl methyl ketoxime:**

Test Type : Buehler Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Result : positive

Assessment : Probability or evidence of skin sensitization in humans

**3-Aminopropyltriethoxysilane:**

Test Type : Buehler Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Result : positive

Assessment : Probability or evidence of skin sensitization in humans

**Carbon black:**

Test Type : Buehler Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****Calcium carbonate:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative

Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

**Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: positive

Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Intraperitoneal injection  
Method: OECD Test Guideline 474  
Result: negative

**Propane:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 474  
Result: negative

**Ethyl methyl ketoxime:**

Genotoxicity in vitro : Test Type: DNA damage and repair, unscheduled DNA synthesis in mammalian cells (in vitro)  
Method: OECD Test Guideline 482  
Result: negative

Genotoxicity in vivo : Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)  
Species: Rat  
Application Route: Ingestion  
Result: negative

**3-Aminopropyltriethoxysilane:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Intraperitoneal injection  
Result: negative

**Carbon black:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

Result: negative

Test Type: In vitro mammalian cell gene mutation test  
 Method: OECD Test Guideline 476  
 Result: negative

Test Type: In vitro sister chromatid exchange assay in mammalian cells  
 Method: OECD Test Guideline 479  
 Result: negative

Test Type: in vitro micronucleus test  
 Method: OECD Test Guideline 487  
 Result: negative

Genotoxicity in vivo : Test Type: Sex-linked recessive lethal test in *Drosophila melanogaster* (in vivo)  
 Species: *Drosophila melanogaster* (vinegar fly)  
 Application Route: Ingestion  
 Method: OECD Test Guideline 477  
 Result: negative

**Carcinogenicity**

Suspected of causing cancer.

**Components:**
**Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Species : Rat  
 Application Route : inhalation (vapor)  
 Exposure time : 26 Months  
 Result : positive  
 Remarks : Based on data from similar materials

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

**Ethyl methyl ketoxime:**

Species : Rat  
 Application Route : inhalation (vapor)  
 Exposure time : 26 Months  
 Result : positive

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

**3-Aminopropyltriethoxysilane:**

Species : Mouse  
 Application Route : Skin contact  
 Exposure time : 24 month(s)  
 Result : negative

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

**Carbon black:**

Species : Rat  
Application Route : Inhalation  
Exposure time : 24 Months  
Result : positive

Species : Rat  
Application Route : Ingestion  
Exposure time : 2 Years  
Result : negative

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

**Reproductive toxicity**

Not classified based on available information.

**Components:****Calcium carbonate:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 414  
Result: negative

**Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materials

Effects on fetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materials

**Propane:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test



**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 422  
Result: negative

Effects on fetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 422  
Result: negative

**Ethyl methyl ketoxime:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 414  
Result: negative

**3-Aminopropyltriethoxysilane:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative

**Carbon black:**

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 414  
Result: negative

Test Type: Embryo-fetal development  
Species: Mouse  
Application Route: inhalation (dust/mist/fume)  
Result: negative

**STOT-single exposure**

Not classified based on available information.

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

**Components:****Butan-2-one O,O',O''-(vinyilsilyldiyl)trioxime:**

Assessment : May cause drowsiness or dizziness.  
Remarks : Based on data from similar materials

**Propane:**

Assessment : May cause drowsiness or dizziness.

**Ethyl methyl ketoxime:**

Assessment : May cause drowsiness or dizziness.

**STOT-repeated exposure**

Causes damage to organs (Blood) through prolonged or repeated exposure.

**Components:****Butan-2-one O,O',O''-(vinylsilyldiyl)trioxime:**

Routes of exposure : Ingestion  
Target Organs : Blood  
Assessment : Shown to produce significant health effects in animals at concentrations of 10 mg/kg bw or less.  
Remarks : Based on data from similar materials

Routes of exposure : inhalation (vapor)  
Target Organs : Blood  
Assessment : Shown to produce significant health effects in animals at concentrations of 0.2 mg/l/6h/d or less.  
Remarks : Based on data from similar materials

**Ethyl methyl ketoxime:**

Routes of exposure : Ingestion  
Target Organs : Blood  
Assessment : Shown to produce significant health effects in animals at concentrations of 10 mg/kg bw or less.

Routes of exposure : inhalation (vapor)  
Target Organs : Blood  
Assessment : Shown to produce significant health effects in animals at concentrations of 0.2 mg/l/6h/d or less.

**Repeated dose toxicity****Components:****Calcium carbonate:**

Species : Rat  
NOAEL : > 1,000 mg/kg  
Application Route : Ingestion  
Exposure time : 28 Days  
Method : OECD Test Guideline 422

**SUPER RTV SILICONE, Black, 256 g**

Version 7.0      Revision Date: 12/28/2020      SDS Number: 754525-00006      Date of last issue: 11/12/2020  
Date of first issue: 11/23/2010

---

**Butan-2-one O,O',O''-(vinylsilylidyne)trioxime:**

Species : Rat  
LOAEL : 0.36 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 28 Days  
Remarks : Based on data from similar materials

Species : Rat  
NOAEL : 4 mg/l  
LOAEL : 20 mg/kg  
Application Route : Ingestion  
Exposure time : 28 Days  
Remarks : Based on data from similar materials

**Propane:**

Species : Rat  
NOAEL : 7.214 mg/l  
Application Route : inhalation (gas)  
Exposure time : 6 Weeks  
Method : OECD Test Guideline 422

**Ethyl methyl ketoxime:**

Species : Rat  
NOAEL : 0.09 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 28 Days

Species : Rat  
NOAEL : 4 mg/kg  
LOAEL : 20 mg/kg  
Application Route : Ingestion  
Exposure time : 28 Days

**3-Aminopropyltriethoxysilane:**

Species : Rat  
NOAEL : 200 mg/kg  
LOAEL : 600 mg/kg  
Application Route : Ingestion  
Exposure time : 90 Days  
Method : OECD Test Guideline 408

**Aspiration toxicity**

Not classified based on available information.

---

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Calcium carbonate:**

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l

---

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

Exposure time: 96 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 100 mg/l  
 Exposure time: 48 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : NOELR (Pseudokirchneriella subcapitata (green algae)): 50 mg/l  
 Exposure time: 72 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 201

EL50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
 Exposure time: 72 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 201

Toxicity to microorganisms : NOEC: 1,000 mg/l  
 Exposure time: 3 h  
 Method: OECD Test Guideline 209

EC50: > 1,000 mg/l  
 Exposure time: 3 h  
 Method: OECD Test Guideline 209

**Butan-2-one O,O',O''-(vinylsilyldiyne)trioxime:**

Toxicity to fish : EC50 (Oncorhynchus mykiss (rainbow trout)): > 120 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 203  
 Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 120 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202  
 Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 94 mg/l  
 Exposure time: 72 h  
 Method: OECD Test Guideline 201  
 Remarks: Based on data from similar materials

NOEC (Pseudokirchneriella subcapitata (green algae)): 30 mg/l  
 Exposure time: 72 h  
 Remarks: Based on data from similar materials

Toxicity to fish (Chronic toxicity) : NOEC (Oryzias latipes (Orange-red killifish)): >= 100 mg/l  
 Exposure time: 14 d  
 Method: OECD Test Guideline 204

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): >= 100 mg/l  
 Exposure time: 21 d  
 Method: OECD Test Guideline 211  
 Remarks: Based on data from similar materials

Toxicity to microorganisms : EC50: > 1,000 mg/l  
 Exposure time: 3 h  
 Method: OECD Test Guideline 209  
 Remarks: Based on data from similar materials

**Ethyl methyl ketoxime:**

Toxicity to fish : LC50 (Oryzias latipes (Japanese medaka)): > 100 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 201 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Scenedesmus capricornutum (fresh water algae)): 11.8 mg/l  
 Exposure time: 72 h  
 Method: OECD Test Guideline 201

NOEC (Scenedesmus capricornutum (fresh water algae)): 2.56 mg/l  
 Exposure time: 72 h  
 Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC (Oryzias latipes (Japanese medaka)): 50 mg/l  
 Exposure time: 14 d  
 Method: OECD Test Guideline 204

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): > 100 mg/l  
 Exposure time: 21 d  
 Method: OECD Test Guideline 211

Toxicity to microorganisms : EC50 (Pseudomonas putida): 281 mg/l  
 Exposure time: 17 h

**3-Aminopropyltriethoxysilane:**

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 934 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 331 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l  
 Exposure time: 72 h

## SUPER RTV SILICONE, Black, 256 g

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

Method: Directive 67/548/EEC, Annex V, C.3.

NOEC (Desmodesmus subspicatus (green algae)): 1.3 mg/l  
Exposure time: 72 h  
Method: Directive 67/548/EEC, Annex V, C.3.

Toxicity to microorganisms : EC10 (Pseudomonas putida): 13 mg/l  
Exposure time: 5.75 h

**Carbon black:**

Toxicity to fish : LL50 (Danio rerio (zebra fish)): > 1,000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 5,600 mg/l  
Exposure time: 24 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EL10 (Desmodesmus subspicatus (green algae)): > 10,000 mg/l  
Exposure time: 72 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 201

EL50 (Desmodesmus subspicatus (green algae)): > 10,000 mg/l  
Exposure time: 72 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 201

**Persistence and degradability****Components:****Butan-2-one O,O',O''-(vinylsilylidyne)trioxime:**

Biodegradability : Result: not rapidly degradable  
Biodegradation: 0 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301A  
Remarks: Based on data from similar materials

**Propane:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 100 %  
Exposure time: 385.5 h  
Remarks: Based on data from similar materials

**Ethyl methyl ketoxime:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 27 %  
Exposure time: 21 d

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

**3-Aminopropyltriethoxysilane:**

Stability in water : Degradation half life (DT50): 8.5 h

**Bioaccumulative potential****Components:****Butan-2-one O,O',O''-(vinylsilyldyne)trioxime:**Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): 0.5 - 2.5  
Remarks: Based on data from similar materials

Partition coefficient: n-octanol/water : log Pow: 0.59 - 0.65

**Ethyl methyl ketoxime:**Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): 0.5 - 0.6  
Method: OECD Test Guideline 305

Partition coefficient: n-octanol/water : log Pow: 0.63

**3-Aminopropyltriethoxysilane:**Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): 3.4  
Method: OECD Test Guideline 305C**Mobility in soil**

No data available

**Other adverse effects**

No data available

---

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Empty containers retain residue and can be dangerous.  
Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and/or death.  
If not otherwise specified: Dispose of as unused product.  
Please ensure aerosol cans are sprayed completely empty (including propellant)

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

UN number	: UN 1950
Proper shipping name	: AEROSOLS
Class	: 2.1
Packing group	: Not assigned by regulation
Labels	: 2.1

**IATA-DGR**

UN/ID No.	: UN 1950
Proper shipping name	: Aerosols, flammable
Class	: 2.1
Packing group	: Not assigned by regulation
Labels	: Flammable Gas
Packing instruction (cargo aircraft)	: 203
Packing instruction (passenger aircraft)	: 203

**IMDG-Code**

UN number	: UN 1950
Proper shipping name	: AEROSOLS
Class	: 2.1
Packing group	: Not assigned by regulation
Labels	: 2.1
EmS Code	: F-D, S-U
Marine pollutant	: no

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation****TDG**

UN number	: UN 1950
Proper shipping name	: AEROSOLS
Class	: 2.1
Packing group	: Not assigned by regulation
Labels	: 2.1
ERG Code	: 126
Marine pollutant	: no

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**SECTION 15. REGULATORY INFORMATION**

<b>Volatile organic compounds (VOC) content</b>	CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products
---	---



**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

VOC content: 7.5 % / 96 g/l

**The ingredients of this product are reported in the following inventories:**

DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

---

**SECTION 16. OTHER INFORMATION**
**Full text of other abbreviations**

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
US WEEL	:	USA. Workplace Environmental Exposure Levels (WEEL)
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / STEL	:	short-term exposure limit
CA QC OEL / TWA EV	:	Time-weighted average exposure value
US WEEL / TWA	:	8-hr TWA

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transporta-

**SUPER RTV SILICONE, Black, 256 g**

Version	Revision Date:	SDS Number:	Date of last issue: 11/12/2020
7.0	12/28/2020	754525-00006	Date of first issue: 11/23/2010

---

tion of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Revision Date : 12/28/2020  
Date format : mm/dd/yyyy

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

CA / Z8