

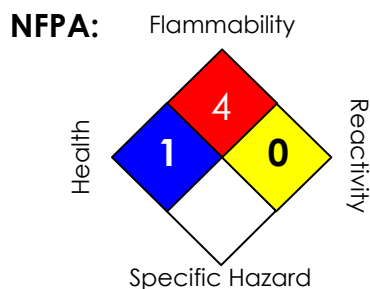
Material Safety Data Sheet

Silicone Spray 320gr

Version 1.4

Revision Date 08/20/2014

Print Date 08/22/2014


HMIS III:

HEALTH	2
FLAMMABILITY	4
PHYSICAL	0

 0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Product Name : Silicone Spray 320gr
 Product code : 893.9221
 SDS-Identcode : 10041880
 Product Use Description : Anti-friction agent and lubricant
 Company : Würth Canada Limited
 345 Hanlon Creek Blvd
 GUELPH, ON N1C 0A1
 Canada
 Telephone : +1 (905) 564 6225
 Telefax : +1 (905) 564 3671
 Responsible/issuing person : prodsafe@wuerth.com
 Emergency telephone number : In case of emergency please contact: CANUTEC (5:00 pm - 8:00 am):
 +1 (613) 996 6666
 WÜRTH CANADA LIMITED (8:00 am - 5:00 pm):
 +1 (905) 564 6225

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 : aerosol
 Colour : colourless

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Odour : mild
Odour - Control : No data available
parameters
Hazard Summary : Flammable aerosol
Compressed gas
May cause fire.
Pressurized container. Protect from sunlight and do not
expose to temperatures exceeding 50°C / 122 °F.

Irritant

Potential Health Effects

Eyes : May cause eye irritation.
Skin : May cause skin irritation.
Target Organs : Eyes
Skin

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
Stoddard solvent	8052-41-3	>= 65 - < 70
petroleum gas	68476-86-8	>= 25 - < 35
Siloxane, dimethyl	63148-62-9	>= 3 - < 5

SECTION 4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
Inhalation : If breathed in, move person into fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary.
Skin contact : Wash off with polyethylene glycol and afterwards with plenty of water.
Eye contact : If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion : If swallowed, DO NOT induce vomiting. If symptoms

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persist, call a physician. If a person vomits when lying on his back, place him in the recovery position.

SECTION 5. FIREFIGHTING MEASURES

- Form : aerosol
- Lower explosion limit : Note: No data available
- Upper explosion limit : Note: No data available
- Suitable extinguishing media : Alcohol-resistant foam
Water mist
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed under fire conditions (see section 10).
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
If the temperature rises there is danger of the vessels

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bursting due to the high vapor pressure.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Refer to protective measures listed in sections 7 and 8.
Ensure adequate ventilation, especially in confined areas.
Contaminated surfaces will be extremely slippery.
Avoid inhalation of vapour or mist.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains
inform respective authorities.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : For personal protection see section 8.
Limit the stocks at work place.
Use only in well-ventilated areas.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
Do not spray on a naked flame or any incandescent material.
Do not carry cloths that have come into contact with the product in your clothing.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : Not applicable

Storage

- Requirements for storage areas and containers : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open

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by force or throw into fire even after use. Do not spray on flames or red-hot objects.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Please observe the storage instructions for aerosols!

- Advice on common storage : Incompatible with oxidizing agents.
Keep away from food, drink and animal feedingstuffs.
- Storage temperature : $\leq 40\text{ }^{\circ}\text{C}$ ($\leq 104\text{ }^{\circ}\text{F}$)
- Other data : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines

Components	CAS-No.	List	Type:	Value	Update
Stoddard solvent	8052-41-3	CA AB OEL	TWA	100 ppm 572 mg/m ³	2007-01-01
		CA BC OEL	TWA	290 mg/m ³	2006-11-29
		CA BC OEL	STEL	580 mg/m ³	2006-11-29
		CA QC OEL	TWAEV	100 ppm 525 mg/m ³	2006-12-29

- Engineering measures : Provide adequate ventilation.
- Eye protection : In case of splash hazard, please wear protective goggles.
- Hand protection : Nitrile rubber
Neoprene gloves
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 : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory

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equipment.
Product contains low-boiling liquids. Respiratory protective equipment must be air supplied respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Do not inhale aerosol.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol
Colour : colourless
Odour : mild
Lower explosion limit : No data available
Upper explosion limit : No data available
pH : No data available
Boiling point/boiling range : No data available
Relative vapour density : >1
(Air = 1.0)
Density : 0.75 - 0.85 g/cm³
at 15 °C (59 °F)
Water solubility : insoluble
Viscosity, kinematic : No data available
Volatile organic compounds (VOC) content : > 95 %

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid : Oxidizing agents
Peroxides
Nitric acid

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Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)
Organic Substances

Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

Hazardous reactions : Note: No decomposition if stored and applied as directed.

If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

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 : Liver and kidney injuries may occur.
Vapours may cause drowsiness and dizziness.

Component:

petroleum gas

68476-86-8

Acute inhalation toxicity: LC50 Rat

Dose: 5396000 ppm

Exposure time: 120 min

Carcinogenicity: No evidence of carcinogenicity in animal studies.Mutagenicity: In vivo tests did not show mutagenic effectsReproductive toxicity: No toxicity to reproductionTeratogenicity: Animal testing did not show any effects on foetal development.

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound halogens (AOX) : not included
Volatile organic compounds (VOC) content : > 95 %

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

Component:

petroleum gas

68476-86-8

Toxicity to fish:

LC50

Species: Fish

Dose: 147.54 mg/l

Exposure time: 96 h

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION**DOT 49 CFR**

ID No : UN 1950
Proper shipping name : Aerosols
Class : 2.1
Labels : 2.1
Emergency Response : 126
Guidebook Number

TDGR

ID No : UN 1950
Proper shipping name : AEROSOLS
Class : 2.1
Labels : 2.1

ICAO/IATA-DGR

ID No : UN 1950
Proper shipping name : Aerosols, flammable
Class : 2.1
ICAO-Labels : 2.1
Packing instruction (cargo aircraft) : 203
Packing instruction (passenger aircraft) : 203
Packing instruction (passenger aircraft) : Y203
Environmentally hazardous : no

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IMDG-Code

ID No : UN 1950
Description of the goods : AEROSOLS

Class : 2.1
IMDG-Labels : 2.1
EmS Number 1 : F-D
EmS Number 2 : S-U

Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

WHMIS Classification : A Compressed Gas
Compressed Gas

B5 Flammable aerosol
Flammable aerosol

D2B Toxic Material Causing Other Toxic Effects
Moderate skin 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 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.

Prepared by : SAP Business Compliance Services GmbH
Birlenbacher Str. 19
D-57078 Siegen

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Revision Date : 08/20/2014
Germany
Telephone: +49-(0)271-88072-0