

Safety Data Sheet

Rubber Care - Silicone Free

Version 7.0

Revision Date 11/30/2014

Print Date 12/03/2014

SECTION 1. IDENTIFICATION

Commercial Product Name : Rubber Care - Silicone Free
Product number : 8857000012
SDS-Identcode : 10033515
Product Use Description : Preservatives, Care product
Company : Wurth USA Inc.
93 Grant St.
07446 Ramsey, NJ
USA
Telephone : +1 201 825 27 10
Telefax : +1 201 825 16 43
Responsible/issuing person : prodsafe@wuerth.com
Emergency telephone number : +1 800 255 3924

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Flammable aerosols : Category 1
Gases under pressure : Liquefied gas

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.

Precautionary statements : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.

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P251 Pressurized container: Do not pierce or burn, even after use.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
distillates (petroleum), hydrotreated light	64742-47-8	>= 50 - < 70
propane	74-98-6	>= 5 - < 10
n-heptane	142-82-5	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

- General advice : If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. 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. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Skin contact : In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
- Eye contact : Protect unharmed eye. 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 a person vomits when lying on his back, place him in the recovery position. Get medical attention.

Notes to physician

- Treatment : Treat symptomatically and supportively.

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SECTION 5. FIREFIGHTING MEASURES

- | | | |
|---|---|--|
| Form | : | Aerosol containing a liquefied gas |
| Suitable extinguishing media | : | Dry chemical
Carbon dioxide (CO ₂)
Foam |
| 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 | : | In the event of fire, wear self-contained breathing apparatus.
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 bursting due to the high vapor pressure. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | | |
|----------------------|---|---|
| Personal precautions | : | Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.
Remove all sources of ignition. |
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Avoid contact with skin and eyes.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapour or mist.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Immediately evacuate personnel to safe areas.

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.
Avoid release to the environment. Refer to special instructions/ Safety data sheets.

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.
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.
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.
Take precautionary measures against static discharges.
Use appropriate container to avoid environmental contamination.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.
Vapours are heavier than air and may spread along floors.
Vapours may form explosive mixtures with air.

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Keep away from heat and sources of ignition.
Do not smoke.
No sparking tools should be used.
Electrical equipment should be protected to the appropriate standard.

Dust explosion class : Not applicable

Storage

Requirements for storage areas and containers : Store in original container.
BEWARE: Aerosol is pressurized. Keep away from heat.
Keep away from direct sunlight. Do not open 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.
Do not store together with oxidizing and self-igniting products.
Keep away from food, drink and animal feedingstuffs.

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
distillates (petroleum), hydrotreated light	64742-47-8	OSHA Z-1	TWA	500 ppm 2,000 mg/m ³	2007-01-01
		ACGIH	TWA	200 mg/m ³	2010-03-01
		OSHA P0	TWA	400 ppm 1,600 mg/m ³	1989-01-19
		OSHA Z-1	TWA	5 mg/m ³	2011-07-01
		NIOSH REL	TWA	5 mg/m ³	2013-10-08
propane	74-98-6	NIOSH REL	ST	10 mg/m ³	2013-10-08
		OSHA Z-1	TWA	1,000 ppm 1,800 mg/m ³	1997-08-04
		NIOSH REL	TWA	1,000 ppm	2013-10-08

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				1,800 mg/m ³	
		OSHA P0	TWA	1,000 ppm 1,800 mg/m ³	1989-01-19

- Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.
- Eye protection : In case of splash hazard, please wear protective 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 : Flame retardant antistatic protective clothing.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : 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.
Follow the skin protection plan.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Aerosol containing a liquefied gas
- Physical state : aerosol
- Colour : amber, clear
- Odour : solvent-like
- Odour Threshold : No data available

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Flash point : No data available
Ignition temperature : No data available
Thermal decomposition : No data available
Lower explosion limit : No data available
Upper explosion limit : No data available
Flammability : Extremely flammable aerosol.

Molecular weight : No data available
pH : No data available

Boiling point/boiling range : 55 °C(131 °F)

Vapour pressure : No data available
Relative vapour density : No data available
Evaporation rate : No data available
Density : 0.825 - 0.835 g/cm³

Relative density : No data available
Bulk density : No data available
Water solubility : No data available
Partition coefficient: n-octanol/water : No data available
Solubility in other solvents : No data available
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Volatile organic compounds (VOC) content : 9.5 %
81 g/l

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.

Materials to avoid : Strong oxidizing agents

Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)
Hydrocarbons

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

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Hazardous reactions : Vapours may form explosive mixtures with air.
If the temperature rises there is danger of the vessels
bursting due to the high vapor pressure.

Note: No decomposition if stored and applied as
directed.

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.

Component:

n-heptane

142-82-5

Acute oral toxicity: LD50 Rat

Dose: > 5,000 mg/kg

Method: OECD Test Guideline 401

Acute dermal toxicity: LD50 Rabbit

Dose: > 2,000 mg/kg

Method: OECD Test Guideline 402

Acute inhalation toxicity: LC50 Rat

Dose: > 29.29 mg/l/Exposure time: 4 h

Method: OECD Test Guideline 403

Skin irritation: Rabbit

Result: irritating

Method: OECD Test Guideline 404

Eye irritation: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

Carcinogenicity:**ACGIH**

distillates (petroleum),
hydrotreated light

64742-47-8

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.

NTP

No component of this product present at levels greater

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	than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

SECTION 12. ECOLOGICAL INFORMATION

Volatile organic compounds (VOC) content	: 9.5 %
Additional ecological information	: The product should not be allowed to enter drains, water courses or the soil.

Component:

n-heptane

142-82-5

Toxicity to fish:

LC50

Species:

Dose: 5.738 mg/l

Exposure time: 96 h

Calculation

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: 1.5 mg/l

Exposure time: 48 h

Toxicity to algae:

EC50

Species:

Dose: 4.338 mg/l

Exposure time: 72 h

Calculation

Toxicity to algae:

NOEC

Species:

Dose: 0.97 mg/l

Exposure time: 72 h

Calculation

Toxicity to bacteria:

EC50

Species: Bacteria

Dose: 22.6 mg/l

Exposure time: 48 h

Calculation

Toxicity to bacteria:

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NOEC
Species: Bacteria
Dose: 5.057 mg/l
Exposure time: 48 h
Calculation

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.
This material and its container must be disposed of as hazardous waste.

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

IMDG-Code

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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

SARA 311/312 Hazards : Fire Hazard
 Sudden Release of Pressure Hazard

CERCLA Reportable Quantity : This material does not contain any components with a CERCLA RQ.

PENN RTK US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<u>Components</u>	<u>CAS-No.</u>
distillates (petroleum), hydrotreated light	64742-47-8
n-Butene, homopolymer	9003-29-6
propane	74-98-6

MASS RTK US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
distillates (petroleum), hydrotreated light	64742-47-8
propane	74-98-6

NJ RTK US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
distillates (petroleum), hydrotreated light	64742-47-8
n-Butene, homopolymer	9003-29-6
propane	74-98-6

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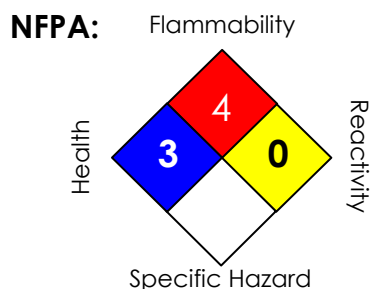
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California Prop. 65

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION**Further information****HMIS III:**

HEALTH	3
FLAMMABILITY	4
PHYSICAL	2

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

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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