

Weicon GmbH

Revision date: 24.11.2009

Revision no.:

1,00

Black-Seal Special-Silicone, spray can

7619-0067

**1. Product and Company Identification****Commercial product name**

Black-Seal Special-Silicone, spray can

**Further trade names**

13051

**Chemical characterization ( Mixture )**

1-Component Adhesives and Sealants.

**Company/undertaking identification****Manufacturer**

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**2. Hazards Identification****Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

**Signs and Symptoms of Exposure**

CAUTION !

Contents under pressure.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

**3. Composition/Information on Ingredients****Hazardous components**

CAS No.	Components	Quantity
811-97-2	Norflurane	9 - 10 %
17689-77-9	triacetoxylethylsilane	<5 %

**4. First Aid Measures****General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

**After contact with skin**

Wash off immediately and for a long time with plenty of water.

Consult a physician.

**After contact with eyes**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

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Consult (eye) doctor immediately.

**After ingestion**

Summon a doctor immediately.

Do not induce vomiting.

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**5. Fire Fighting Measures**

**Suitable extinguishing media**

Alcohol-resistant foam.

Dry fire-extinguishing substance

Carbon dioxide

**Special hazards arising from the chemical**

Fire may produce:

Carbon monoxide and carbon dioxide.

**Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus and protective suit.

**Additional information**

Cool containers at risk with water spray jet.

Heating will cause pressure rise with risk of bursting.

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**6. Accidental Release Measures**

**Personal precautions**

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

**Methods for cleaning up/taking up**

Take up with absorbent material (e.g. general-purpose binder).

Shovel into suitable container for disposal.

**Additional information**

Clean contaminated surface thoroughly.

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**7. Handling and Storage**

**Handling**

**Advice on safe handling**

Keep container tightly closed.

Avoid contact with the skin and the eyes.

In case of insufficient ventilation, especially in confined areas.

Do not breathe vapours or spray mist.

**Advice on protection against fire and explosion**

No special protective measures against fire required.

Pay attention to general rules of internal fire prevention.

**Further information on handling**

Prevent penetration into the ground.

**Storage**

**Requirements for storage rooms and vessels**

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

Store only in original container at temperature of 50°C maximum (=122°F).

Protect from heat and direct solar radiation.

Protect from heat/overheating.

Storage stability 12 months maximum.

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**Further information on storage conditions**

Storage stability 12 months maximum.

**8. Exposure Controls/Personal Protection****Exposure limit values****Additional advice on limit values**

1,1,1,2-Tetrafluoroethane (HFC 134a) CAS# 811-97-2: 1000 ppm, WEEL AIHA

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Do not inhale vapours.

**Protective and hygiene measures**

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Take off immediately all contaminated clothing.

Avoid contact with skin, eyes and clothing.

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type E).

**Hand protection**

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove &lt;Camatril 735&gt; made by www.kcl.de.

**Eye protection**

Tightly fitting goggles

Eye wash bottle with pure water.

**Skin protection**

Light protective clothing

**9. Physical and Chemical Properties****Appearance**

Form: Pasty

Color: Black

Odor: Acid

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Flash point: n.a.

Lower explosion limits: n. d.

Upper explosion limits:

Vapour pressure: n.d.  
(at 20 °C)

Density (at 20 °C): n.d.

Water solubility: Insoluble  
(at 20 °C)**Solvent content**

14%

**Other information**

Ignition temperature: n.d.

**10. Stability and Reactivity**

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**Stability**

Stable

**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**Materials to avoid**

None under normal use.

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

**Possibility of Hazardous Reactions**

Will not occur

**Additional information**

No decomposition if stored and applied as directed.

**11. Toxicological Information****Acute toxicity**

LD50/oral : &gt;2000 mg/kg Rat

**12. Ecological Information****Persistence and degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Further information**

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into the ground water or aquatic environment.

**13. Disposal Considerations****Advice on disposal**

Remove in accordance with local official regulations.

If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated packaging**

Re-using the polluted packaging materials is not allowed.

Contaminated packagings are to be treated like the product itself.

**14. Transport Information****US DOT 49 CFR 172.101****Proper shipping name**

AEROSOLS

ID Number: UN1950

Hazard Class or Division: 2.2

Packing group: -

Label: 2.2

**Land transport (ADR/RID)**

UN number: 1950

ADR/RID class: 2

Classification Code: 5A

Warning plate

Hazard label: 2.2



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ADR/RID packing group: -  
 Limited quantity: LQ2

**Description of the goods**

AEROSOLS

**Other applicable information**

LQ 2: combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass).

Tunnel restriction code: E

Transport category: 3

**Marine transport**

UN number: 1950  
 IMDG code: 2  
 Marine pollutant: No  
 Hazard label: 2.2



IMDG packing group: -  
 EmS: F-D, S-U  
 Limited quantity: 1 L / 30 kg

**Description of the goods**

AEROSOLS

**Air transport**

UN/ID number: 1950  
 ICAO/IATA-DGR: 2.2  
 Hazard label: 2.2



ICAO packing group: -  
 Limited quantity Passenger: Y203 / 30 kg G  
 IATA-packing instructions - Passenger: 203  
 IATA-max. quantity - Passenger: 75 kg  
 IATA-packing instructions - Cargo: 203  
 IATA-max. quantity - Cargo: 150 kg

**Description of the goods**

AEROSOLS

**15. Regulatory Information****U.S. Regulations****National Inventory TSCA**

All of the components are listed on the TSCA inventory.

**SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

**State Regulations**

This product contains max VOC: 0,029 g/L

**16. Other Information****Hazardous Materials Information Label (HMIS)**

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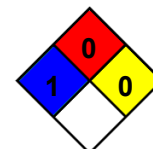
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Health:	1
Flammability:	0
Physical Hazard:	0

**NFPA Hazard Ratings**

Health:	1
Flammability:	0
Reactivity:	0
Unique Hazard:	

**Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*