



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

| | |
|--|---|
| Name of product | Black-Seal Special-Silicone, spray can (GB) Code-Nr. 13051 |
| Manufacturer/distributor | WEICON GmbH & Co. KG Königsberger Straße 255, DE-48157 Münster Postbox 84 60, DE-48045 Münster Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244 E-Mail : info@weicon.de Internet : www.weicon.de |
| Advice | Abteilung Angebote, Verkauf, Export Phone ++49(0)251 / 9322 - 0 |
| Emergency advice | Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning) Phone ++49(0)228-19 240 |
| Recommended intended purpose(s) | 1-Component Adhesives and Sealants, permanently elastic |

2. HAZARDS IDENTIFICATION

Special hazards information for humans and environment
Not classified as dangerous preparation according to Directive 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization
Silicone rubber.

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification |
|------------|-----------|------------------------|------------|----------------|
| 17689-77-9 | 241-677-4 | triacetoxylethylsilane | < 5 | R14; C R34 |
| 811-97-2 | 212-377-0 | norflurane | 9 - 10 | - |

4. FIRST AID MEASURES

General information

Remove moisted clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

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

Consult a doctor if skin irritation persists.

In case of eye contact

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

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.



5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol-resistant foam
Dry fire-extinguishing substance
Carbon dioxide

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Danger of bursting
Fire gas of organic material has to be classed invariably as respiratory poison.
In the event of fire the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangered containers with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.
Use personal protective clothing.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up

Take up mechanically and send for disposal.

7. HANDLING AND STORAGE

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

Further information on storage conditions

Store closed container at cool and aired place.
Protect from direct solar radiation.
Protect from heat and direct solar radiation.
Storage temperature may not exceed 50°C (=122°F).

Information on storage stability

Storage stability 12 months maximum.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

Sufficient ventilation and exhaustion.

Ingredients with occupational exposure limits to be monitored

| CAS No | Name | Code | [mg/m3] | [ppm] | Spitzenb. | Remark |
|----------|--------------------------------------|---------|---------|-------|-----------|-----------|
| 811-97-2 | 1,1,1,2-Tetrafluoroethane (HFC 134a) | 8 hours | 4240 | 1000 | | EH40/2005 |

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, filter E

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]:: Nitrile rubber; 0,4mm; 480min;60min.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Eye protection

safety goggles

Skin protection

light protective clothing

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

pasty

Colour

black

Odour

acid

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|-----------------------------------|----------------|-------------|----|----------------|-----------|
| pH value in delivery state | | | | not determined | |
| Flash point | not determined | | | | |
| Vapour pressure | not determined | | | | |
| Density | not determined | 20 °C | | | |
| Solubility in water | | | | | insoluble |
| Solvent concentration | | | | FOV:14% | |



10. STABILITY AND REACTIVITY

Conditions to avoid

Keep away from heat.
Heat.

Hazardous decomposition products

carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

| | Value/Validation | Species | Method | Remark |
|-------------------------|------------------|---------|--------|--------|
| LD 50 acute oral | > 2000 mg/kg | rat | | |

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

| | Elimination rate | Method of analysis | Method | Validation |
|---------------------------------------|---|--------------------|--------|------------|
| Physico-chemical degradability | The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation. | | | |

General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste code No.

08 04 10
15 01 04

Name of waste

waste adhesives and sealants other than those mentioned in 08 04 09
metallic packaging

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to the local waste regulations.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN 1950 AEROSOLS, 2.2, (E), Classification code: 5A
transport in "limited quantities" according to 3.4 ADR LQ2 is possible

Marine transport IMDG

UN 1950 AEROSOLS, 2.2
Transport as limited quantities according to 3.4 IMDG Code is possible.

Air transport ICAO/IATA-DGR

UN 1950 Aerosols, non-flammable, 2.2



Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank GmbH)

15. REGULATORY INFORMATION

Remarks for classification

The product does not require a hazard warning label in accordance with EC directives.

Special labelling for certain preparations

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Safety data sheet available for professional user on request.

VOC standard

VOC value 0,029 g/L

16. OTHER INFORMATION

Recommend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 14 Reacts violently with water.

R 34 Causes burns.