

Trade name: **Flexcomp Silicone Compound;**  
**Curing Agent: Di-(2,4-dichlorobenzoyl)-peroxide (DCIBP)**

created / revised: 2020-02-26 Date of printing 2020-02-26

Version: 4.0 (GB)

## **1. Identification of the substance, preparation and of the company**

### **1.1 Product information:**

Trade name: Silicone elastomer compound

### **1.2 Company / Supplier:**

Manufacturer / Supplier: M+S Silicon GmbH & Co. KG  
Street / Post office box: Hannoerversche Str. 28  
Nat. code / Postcode / City: D - 44143 Dortmund  
Telephone / Telefax: 0231 / 967890-0 0  
Further information: info@ms-silicon.de  
Emergency: telephone: 0231 / 967890-0 (switchboard)  
available Mo. – Thu.: 8.00 - 17.00, Fr.: 8.00 - 14.00

## **2. Hazards identification**

### **2.1 Classification of the substance or mixture:**

Classification according to Regulation (EG) No. 1272/2008:  
Not a hazardous substance or mixture.

### **2.2 Label elements:**

Labeling according to Regulation (EC) No. 1272/2008:  
No GHS marking required.

### **2.3 Other dangers:**

There is no information.

## **3. Composition / Information on ingredients**

### **3.1 Description:**

Silicone rubber; Polydimethylsiloxane containing vinyl groups and filler(s); unvulcanized.

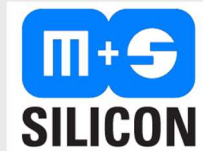
### **3.2 Additional information:**

Contains Di-(2,4-dichlorobenzoyl)-peroxide (50% batched in dimethylsiloxane) < 2.0 wt% per 100 parts of basic silicone rubber

CAS-No.	EG-No.
133-14-2	205-094-9

Classification of the Di-(2,4-dichlorobenzoyl)-peroxide according to Regulation (EG) No. 1272/2008:

Org. Perox. CD	H242
Skin Sens. 1	H317
Repr. 1B	H360

**SAFETY DATA SHEET** (according to 1907/2006/EG)Trade name: **Flexcomp Silicone Compound;**  
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The product contains the following SVHC candidates (substance of very high concern) above the limit of consideration:

CAS-No.	Material	Amount [%]	Reason
556-67-2	Octamethylcyclotetrasiloxane (D4)	≥0,1 - <0,5	persistent, bioaccumulative and toxic (Article 57d) Very persistent and very bioaccumulative (Article 57e)
541-02-6	Decamethylcyclopentasiloxane (D5)	≥0,1 - <0,5	persistent, bioaccumulative and toxic (Article 57d) Very persistent and very bioaccumulative (Article 57e)
540-97-6	Dodecamethylcyclohexasiloxane (D6)	≥0,1 - <0,5	persistent, bioaccumulative and toxic (Article 57d) Very persistent and very bioaccumulative (Article 57e)

**4. First aid measures****4.1 Description of the first aid measure**

General information: In case of doubt recover medical advice.

After inhalation: Product can not be inhaled under normal circumstances.

After skin contact: Remove mechanically with a cloth or paper. Wash with plenty of water or soap and water.

After eye contact: Rinse immediately with plenty of water. With persistent irritation recover medical advice.

Ingestion: Drink plenty of water. If you feel unwell, recover medical advice; if possible show label.

**4.2 Most important symptoms and effects, both acute and delayed:**

Relevant information can be found in other parts of this section.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Further information on toxicology in section 11 should be noted.

**5. Fire-fighting measures****5.1 Extinguishing media:**

dry chemical powder, sand, foam, CO<sub>2</sub>.

**5.2 Unsuitable extinguishing media:**

Water

5.3 Special exposure hazards arising from the substance or preparation itself, its products of combustion or resulting gases:

In case of fire hazardous combustion gases or vapors possible. Exposure to combustion products can be a health hazard! Dangerous fire products: carbon oxides, silicon oxides, incompletely burned hydrocarbons, polychlorinated biphenyls, furane, 1,3-dichlorobenzene, 2,4-dichlorobenzoic acid, toxic and very toxic flue gases.

5.4 Special protective equipment:

Use self-contained breathing apparatus. Keep unprotected people away.

5.5 Further information: -

**6. Accidental release measures**

6.1 Personal precautions:

Secure the area. Wear personal protective equipment. Keep unprotected people away. If material has been released, draw attention to the risk of slipping. Do not run through spilled material.

6.2 Environmental precautions:

Do not allow to enter waters, sewage and soil. Close the leak if this is possible without danger. Withhold contaminated water / extinguishing water. Dispose in properly labeled containers. When leaking into waters, sewers or underground, notify competent authority. Note the local official directives.

6.3 Methods for cleaning up:

To avoid adhesion, dust the surface with sand and pick up material mechanically. Sweep up spilled material and place in a special chemical waste bin. Remove any remaining slippery surface with detergent / soap solution or other biodegradable cleaner. To improve the grip, apply sand or other inert, granular material.

**7. Handling and storage**

7.1 Handling:

Advice for safe handling

The material can become electrostatically charged. Always ensure grounding during processing. When processing (vulcanization) ensure adequate ventilation.

Information about fire and explosion protection

No special measures. Observe general rules of preventive fire protection.

7.2 Storage:

Requirements for storage areas and containers

Store dry and cool. Protect against heat. Store away from other chemicals (especially sulphurous substances). Observe local official regulations.

**8. Exposure controls / Personal Protection**

8.1 Additional information on the design of technical systems:

eliminated.

8.2 Exposure in the work place limited and controlled:

No Occupational Exposure Limits (OEL).

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**8.3** Personal protection equipment:

Respiratory protection:  
Not required under normal circumstances.

Hand protection:  
When handling the product, the use of protective gloves is recommended.

Protective gloves made of nitrile rubber  
Material thickness: > 0.1 mm  
Breakthrough time: > 480 min

Protective gloves made of butyl rubber  
Material thickness: > 0.3 mm  
Breakthrough time: > 480 min

Please refer to the glove supplier for permeability and breakthrough time.

Eye protection:  
Safety glasses are recommended.

Skin and body protection:  
Not required under normal circumstances.

Hygiene measures:  
Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Take note of common workplace hygiene measures.

**9. *Physical and chemical properties***

**9.1** Appearance:

Form: solid  
Colour: diverse  
Odour: weak

**9.2** Safety data:

Melting point:	no data available
Flammability:	no data available
Flash point:	> 200 °C
Ignition point:	> 400 °C
Oxidizing properties:	no data available
Explosive properties:	no
Explosion limits:	not applicable
Vapour pressure:	no data available
Density:	1,09 – 1,50 g/cm <sup>3</sup> at 20 °C
Water solubility:	insoluble
pH-Value:	not applicable

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Partition coefficient n-octanol/water: no data available  
Viscosity: no data available9.3 Further information:

Pyrolysis: &gt; 250 °C

**10. Stability and reactivity**10.1 General:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Conditions to avoid: -10.3 Materials to avoid:

Reactions are possible with strong oxidizing agents.

10.4 Hazardous decomposition products:

Small amounts of formaldehyde (at temperatures above approx. 150 ° C due to oxidative degradation), carbon oxides, silicon oxides, incompletely burned hydrocarbons, polychlorinated biphenyls, furane, 1,3-dichlorobenzene and 2,4-dichlorobenzoic acid. If stored and handled in accordance with standard industrial practices no hazardous products are known.

**11. Toxicological information**11.1 General:

According to our current knowledge, there are no toxicological test data for the whole product.

11.2 Acute toxicity:

no data available

**12. Ecological information**12.1 Persistence and degradability:

non-biodegradable.

12.2 Bio-accumulation potential:

Bioaccumulation is not expected to occur.

12.3 Ecotoxicity:

As far as we know no fish toxicity is expected.

12.4 Behaviour of substance at sewage plants (bacteria toxicity):

As far as we now know, there are no negative effects at sewage plants.

12.5 Additional ecological information:

Could be easy separated from water by filtering.

**13. Disposal considerations**13.1 Product:

Recommendation: Disposal according to regulations by burning at waste incineration plants with waste gas cleaning. Combined deposition with domestic waste is possible,

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prior solidification is suggested. Consider local regulations.  
Waste code number EAK: 070217 (Silicone containing waste)

**13.2 Contaminated packaging:**

Recommendation: Empty packaging completely (non-dripping, non-trickling, scraped-out). According to local regulations, recycling is recommended.

**14. *Transport information*****14.1 Transport by land ADR und RID:**

ADR und RID: no hazardous material  
GGVS/GGVE: no hazardous material  
Postal / courier service: allowed

**14.2 Transport by sea IMDG:**

Evaluation: no hazardous material  
Marine Pollutant: no

**14.3 Transport by air ICAO und IATA:**

Evaluation: no hazardous material

**14.4 Transport / further information:**

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**15. *Regulatory information*****15.1 Labelling according to EU Directives:**

Based on our data, the product is not a hazardous substance and is not a hazardous preparation in the sense of the Chemicals Act or the Hazardous Substances Ordinance and the corresponding EG Directive (67/548/EEG) in its currently valid version.

**15.2 National regulations:**

Categorisation to VbF: -  
water hazard class: 1

**16. *Other information:***

This information describes only the safety requirements of the product and is based on the current state of our knowledge. They do not constitute an assurance of properties of the described product in the sense of the legal warranty regulations.

This document does not release the purchaser of our products from their responsibility, with respect to applicable laws and regulations and their observance. This applies in particular to the further distribution of the products or other mixtures or articles made there-from, also in other fields of law, as well as for industrial property rights of third parties. For further processing or new / repackaging of the products it is up to the customer to attach the necessary safety-related information.