



Trade name: Otoform A flex Comp. B

Substance number: 44672

Version: 2 / GB

Date revised: 27.09.2023

Replaces Version: 1 / GB

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Otoform A flex Comp. B

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/preparation

Addition curing ear impression silicone

### 1.3. Details of the supplier of the safety data sheet

#### Address/Manufacturer

Dreve Otoplastik GmbH

Max-Planck-Straße 31

59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research &amp; Development: Fax: +49 2303 8807-562

E-mail address of person responsible sicherheitsdatenblatt@dreve.de

for this SDS

### 1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Supplemental information

EUH210

Safety data sheet available on request.

### 2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures



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### Chemical characterization

Addition-vulcanising 2-component silicone

### Hazardous ingredients

#### Cristobalite

CAS No.	14464-46-1			
EINECS no.	238-455-4			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)	STOT RE 1		H372	

#### White mineral oil

CAS No.	8042-47-5			
EINECS no.	232-455-8			
Registration no.	01-2119487078-27			
Concentration	>= 1	<	10	%
Classification (Regulation (EC) No. 1272/2008)	Asp. Tox. 1		H304	

#### Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

EINECS no.	920-114-2			
Registration no.	01-2119459347-30			
Concentration	>= 1	<	10	%
Classification (Regulation (EC) No. 1272/2008)	Asp. Tox. 1		H304	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

No special measures required

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

#### After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

#### Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

### 4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to



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chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Extinguishing measures to suit surroundings

#### Non suitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

#### Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

#### Advice on protection against fire and explosion

No special measures required.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store product in closed containers.



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**Hints on storage assembly**

Do not store together with foodstuffs.

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limit values****White mineral oil**

List TRGS 900

Type AGW

A

Value 5 mg/m<sup>3</sup>Short term exposure limit 20 mg/m<sup>3</sup>

Maximum limit value: 4(II) Pregnancy group: Y; Status: Sept 2015; Remarks: DGF

**Other information**

Contains no substances with occupational exposure limit values.

**Derived No/Minimal Effect Levels (DNEL/DMEL)****White mineral oil**

Type of value Derived No Effect Level (DNEL)

Reference group Worker

Duration of exposure Repeated exposure

Route of exposure inhalative

Mode of action Systemic effects

Concentration 164,6 mg/m<sup>3</sup>

Type of value Derived No Effect Level (DNEL)

Reference group Worker

Duration of exposure Repeated exposure

Route of exposure dermal

Mode of action Systemic effects

Concentration 217,1 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Repeated exposure

Route of exposure inhalative

Mode of action Systemic effects

Concentration 34,78 mg/m<sup>3</sup>

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Repeated exposure

Route of exposure dermal

Mode of action Systemic effects

Concentration 93,02 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Repeated exposure



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Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	25	mg/kg/d

## 8.2. Exposure controls

### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.  
Wash hands before breaks and after work. Avoid contact with eyes.

### Respiratory protection

Not necessary.

### Hand protection

Not necessary.

### Eye protection

Not necessary.

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	liquid, viscous	
<b>Colour</b>	turquoise	
<b>Odour</b>	characteristic	
<b>Melting point</b>		
Remarks	not determined	
<b>Freezing point</b>		
Remarks	not determined	
<b>Boiling point or initial boiling point and boiling range</b>		
Value	> 300	°C
<b>Flammability</b>		
evaluation	not determined	
<b>Upper and lower explosive limits</b>		
Remarks	not determined	
<b>Flash point</b>		
Value	> 130	°C
Method	closed cup	
<b>Ignition temperature</b>		
Remarks	not determined	
<b>Decomposition temperature</b>		
Remarks	not determined	
<b>pH value</b>		
Remarks	not determined	
<b>Viscosity</b>		
Remarks	not determined	
<b>Solubility(ies)</b>		



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Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**

Value	1,24		g/cm <sup>3</sup>
Temperature	20	°C	

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks virtually insoluble

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**



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**Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)****White mineral oil**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	
Remarks	Test conducted with a similar formulation.	

**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****White mineral oil**

Species	rabbit	
LD50	> 2000	mg/kg
Method	OECD 402	

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rabbit	
LD50	> 3160	mg/kg
Method	OECD 402	

**Acute inhalational toxicity**

ATE	> 20	mg/l
Administration/Form	Dust/Mist	
Method	calculated value (Regulation (EC) No. 1272/2008)	
Remarks	Based on available data, the classification criteria are not met.	

**Acute inhalative toxicity (Components)****White mineral oil**

Species	rat	
LC50	> 5	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rat	
LC50	> 5266	mg/m <sup>3</sup>
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	

**Skin corrosion/irritation**

Remarks Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met.

**Sensitization**

Remarks Based on available data, the classification criteria are not met.

**Subacute, subchronic, chronic toxicity**

Remarks not determined



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**Mutagenicity**

Remarks Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks Based on available data, the classification criteria are not met.

**Repeated exposure**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) (Components)****Cristobalite****Repeated exposure**evaluation Causes damage to organs through prolonged or repeated exposure  
Route of exposure inhalative**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Aspiration hazard (Components)****White mineral oil**

Harmful: may cause lung damage if swallowed.

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Harmful: may cause lung damage if swallowed.

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

**Other information**

No toxicological data are available.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****White mineral oil**

Species	golden orfe ( <i>Leuciscus idus</i> )	
LC50	> 10000	mg/l
Duration of exposure	96	h
Method	OECD 203	

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )	
NOELR	> 1000	mg/l
Duration of exposure	28	d





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Remarks The details of the toxic effect relate to the nominal concentration.

**Daphnia toxicity (Components)****White mineral oil**

Species	Daphnia magna		
LL50	> 100		mg/l
Duration of exposure	48	h	
Method	OECD 202		

**White mineral oil**

Species	Daphnia magna		
NOEC	10		mg/l
Duration of exposure	21	d	
Method	OECD 211		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	Acartia tonsa		
LL50	> 3193		mg/l
Duration of exposure	48	h	

Remarks The details of the toxic effect relate to the nominal concentration.

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	Daphnia magna		
NOELR	5		mg/l
Duration of exposure	21	d	

Remarks The details of the toxic effect relate to the nominal concentration.

**Algae toxicity (Components)****White mineral oil**

Species	Pseudokirchneriella subcapitata		
LOEC	>= 100		mg/l
Duration of exposure	72	h	
Method	OECD 201		

**12.2. Persistence and degradability****General information**

not determined

**Biodegradability (Components)****White mineral oil**

Value	31		%
Duration of test evaluation	28	d	
	biodegradable		

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Octanol/water partition coefficient (log Pow) (Components)****White mineral oil**

log Pow	<= 4,3	to	18.2
Temperature	20	°C	
Source	calculated value		

**12.4. Mobility in soil****General information**



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not determined

## 12.5. Results of PBT and vPvB assessment

### General information

not determined

### Results of PBT and vPvB assessment

The product contains no PBT substances  
The product contains no vPvB substances.

## 12.6 Endocrine disrupting properties

### Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## 12.7. Other adverse effects

### General information

not determined

### General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Must not be disposed together with household garbage.  
Dispose of waste according to applicable legislation.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information



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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-
14.5. Environmental hazards	-	no -	-

## SECTION 15: Regulatory information

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 2/3

H304

May be fatal if swallowed and enters airways.

H372

Causes damage to organs through prolonged or repeated exposure.

### CLP categories listed in Chapter 2/3

Asp. Tox. 1

Aspiration hazard, Category 1

STOT RE 1

Specific target organ toxicity - repeated exposure, Category 1

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.