

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

**Revision date:** 29 May 2024

**Print date:** 20 Sept 2024

**Version:** 3



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## Seal Flex HT red 310ml

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

#### 1.1. Product identifier

**Trade name/designation:**

Seal Flex HT red 310ml

**Article No.:**

T571702

**UFI:**

EA7E-V5HU-U35D-E4GY

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

**Use of the substance/mixture:**

Barrier (Sealant)

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

**Supplier:**

**KANDO Service GmbH**

Hartleitnerstraße 3

4653 Eberstälzell

Austria

**Telephone:** +43 (0) 7241 213 79

**E-mail:** msds@kando.eu

#### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard statements:** none

**Supplemental hazard information:** none

**Precautionary statements:** none

#### 2.3. Other hazards

No data available

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Description:**

Mixture of substances listed below with non-hazardous admixtures.

**Additional information:**

The wording of the listed hazard statements can be found in section 16.

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### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 37859-55-5	<b>2-Pentanone, O,O',O''-(methylsilylidyne)trioxime</b> Acute Tox. 4 (H302), Eye Irrit. 2 (H319) Warning <b>Acute Toxicity Estimate</b> ATE (oral) 1,234 mg/kg ATE (dermal) > 1,782 mg/kg	≤ 2.5 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Following inhalation:

Fresh air supply, consult a doctor in case of complaints.

#### In case of skin contact:

In general, the product is not irritating to skin.

#### After eye contact:

Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

#### Following ingestion:

Consult a doctor if symptoms persist.

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

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Adapt fire extinguishing measures to the surroundings.

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

No further relevant information available.

### 5.3. Advice for firefighters

No special measures are necessary.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Not required.

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

Do not allow to enter drains/surface water/ground water.

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

#### Other information:

Take up mechanically.

### 6.4. Reference to other sections

Further information on proper storage: see section 7.

For further information on personal protective equipment: see section 8.

For further information on disposal: see section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

No special measures required if used properly.

##### Fire prevent measures:

No special measures are necessary.

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

##### Requirements for storage rooms and vessels:

No special requirements.

##### Hints on storage assembly:

Not required.

**Storage class (TRGS 510, Germany):** 13 - Non-combustible solids that cannot be assigned to any of the above storage classes

#### 7.3. Specific end use(s)

##### Recommendation:

No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No further details. See section 7 of the safety data sheet.

##### 8.2.2. Personal protection equipment

##### Eye/face protection:

Tight-fitting safety goggles

##### Skin protection:

Hand protection: The glove material must be impermeable and resistant to the product / substance / preparation.

Selection of the glove material considering the breakthrough times, permeation rates and degradation.

Glove material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), CR (polychloroprene, chloroprene rubber); Chemical resistant protective gloves (EN ISO 374).

Recommended material thickness: 0,5 mm, Breakthrough time: 480 min, The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.

The determined breakthrough times according to EN 16523-1 were not carried out under practical conditions. A maximum wearing time corresponding to 50% of the breakthrough time is recommended.

Hand protection cream recommended. The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

##### Respiratory protection:

Not required.

##### Other protection measures:

General protective and hygienic measures: Wash hands before breaks and after work.

##### 8.2.3. Environmental exposure controls

No data available

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### SECTION 9: Physical and chemical properties

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

##### Appearance

**Physical state:** solid

**Colour:** various

**Odour:** characteristic

**flammability:** No data available

##### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	No data available		
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Evaporation rate	No data available		
Auto-ignition temperature	not applicable		② The product is not self-igniting.
Upper/lower flammability or explosive limits	not applicable		② The product is not explosive.
Vapour pressure	No data available		
Density	1.16 g/cm <sup>3</sup>	20 °C	
Bulk density	No data available		
Water solubility	practically insoluble		

##### particle characteristics:

No data available

#### 9.2. Other information

Form: pasty

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No further relevant information available.

#### 10.2. Chemical stability

Thermal decomposition: No decomposition when used as directed.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

#### 10.4. Conditions to avoid

No further relevant information available.

#### 10.5. Incompatible materials

No further relevant information available.

#### 10.6. Hazardous decomposition products

No dangerous decomposition products known.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**2-Pentanone, O,O',O''-(methylsilylidyne)trioxime** CAS No.: 37859-55-5

**LD<sub>50</sub> oral:** 1,234 mg/kg (Ratte)

**LD<sub>50</sub> dermal:** >1,782 mg/kg (Ratte)

##### Skin corrosion/irritation:

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

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### Serious eye damage/irritation:

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

### Respiratory or skin sensitisation:

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

### Germ cell mutagenicity:

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

### Carcinogenicity:

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

### Reproductive toxicity:

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

### STOT-single exposure:

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

### STOT-repeated exposure:

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

### Aspiration hazard:

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

## 11.2. Information on other hazards

### Endocrine disrupting properties:

None of the ingredients are included.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>2-Pentanone, O,O',O''-(methylsilylidyne)trioxime</b> CAS No.: 37859-55-5
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<b>LC<sub>50</sub>:</b> >113 mg/L 4 d (Fisch) OECD 203
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<b>EC<sub>50</sub>:</b> >113 mg/L 2 d (daphnia) OECD 202
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### Additional ecotoxicological information:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

#### Bioconcentration factor (BCF):

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

<b>2-Pentanone, O,O',O''-(methylsilylidyne)trioxime</b> CAS No.: 37859-55-5
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<b>Results of PBT and vPvB assessment:</b> —
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### 12.6. Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

### 12.7. Other adverse effects

No data available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

07 02 17	waste containing silicones other than those mentioned in 07 02 16
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

#### Waste treatment options

##### Appropriate disposal / Package:

Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU legislation

###### Restrictions on use:

Directive 2012/18/EU Named dangerous substances - ANNEX I: None of the ingredients are included.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: None of the ingredients are included.

Regulation (EU) 2019/1148 Annex I - RESTRICTED EXPORT SUBSTANCES FOR EXPLOSIVES (upper concentration limit for a permit pursuant to Article 5(3)): None of the ingredients are included.

Annex II - EXPLOSIVES REPORTABLE FOR EXPLOSIVES: None of the ingredients are included.

Regulation (EC) No 273/2004 on drug precursors: None of the ingredients are included.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade in drug precursors between the Community and third countries: None of the ingredients are included.

##### 15.1.2. National regulations

No data available

#### 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

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### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
EC <sub>50</sub>	Effective Concentration 50%
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal (fatal) Concentration 50%
LD <sub>50</sub>	Lethal (fatal) Dose 50%
NFPA	National Fire Protection Association
OECD	Organisation for Economic Cooperation and Development
PBT	persistent and bioaccumulative and toxic
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

#### 16.3. Key literature references and sources for data

No data available

#### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

#### 16.6. Training advice

No data available

#### 16.7. Additional information

No data available