

Trade name: WIDOSEAL-LF 1K

Current version : 2.0.0, issued: 08.08.2023

Replaced version: 1.0.0, issued: 07.03.2023

Region:
GER

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

1.1 Product identifier

Trade name

WIDOSEAL-LF 1K

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

Relevant identified uses of the substance or mixture

sealing

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Widopan Produkte GmbH

Ostereichen 3

D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0

Fax no. +49 (0) 4144 69821-20

1.4 Emergency telephone number

No data available.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

-

Signal word

-

Hazard statement(s)

-

Hazard statements (EU)

EUH208

Contains Tin, dioctylbis(2,4-pentanedionato-κO₂,κO₄)-. May produce an allergic reaction.

EUH210

Safety data sheet available on request.

Precautionary statement(s)

-

Labelling information

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

2.3 Other hazards

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER

PBT assessment
No data available.

vPvB assessment
No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	trimethoxypropylsilane		
	1067-25-0 213-926-7 - 01-2119972314-37	Flam. Liq. 3; H226 Skin Irrit. 2; H315	< 2,50 wt%
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)-		
	- 483-270-6 - 01-0000020199-67	Skin Sens. 1; H317 STOT SE 2; H371o	< 2,50 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	-	Skin Sens. 1; H317: C >= 5%	-	-

No	Route, target organ, concrete effect
2	H371o oral; -, -

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

Trade name: WIDOSEAL-LF 1K

Current version : 2.0.0, issued: 08.08.2023

Replaced version: 1.0.0, issued: 07.03.2023

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GER

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

carbon dioxide; foam; extinguishing powder; water spray jet; water mist

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon oxides (COx); Nitrogen oxides (NOx)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Advice on protection against fire and explosion

Keep away from ignition sources and provide for good ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER**Incompatible products**

Substances to be avoided, see section 10.

Stoarge Class according TRGS 510

10-13

Combustible and Non-combustible liquids and solids that cannot be assigned to storage class 1-8.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	trimethoxypropylsilane			1067-25-0 213-926-7	
	dermal	Long term (chronic)	systemic	17,86	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	123,82	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	trimethoxypropylsilane			1067-25-0 213-926-7	
	oral	Long term (chronic)	systemic	1,26	mg/kg bw/day
	dermal	Long term (chronic)	systemic	8,77	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	30,25	mg/m ³
	inhalative	Short term (acute)	systemic	154,17	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	trimethoxypropylsilane		1067-25-0 213-926-7	
	water	fresh water	1,49	mg/L
	water	marine water	0,149	mg/L
	water	fresh water sediment	5,6	mg/kg dry weight
	water	marine water sediment	0,56	mg/kg dry weight
	soil	-	0,25	mg/kg dry weight
	sewage treatment plant	-	10	mg/L

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

State of aggregation	
liquid	
Colour	
Various, depending on coloration	
Odour	
No data available	
pH value	
Value	7
Source	Manufacturer
Boiling point / boiling range	
No data available	
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
No data available	
Ignition temperature	
No data available	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
No data available	
Relative vapour density	

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER

No data available

Relative density

No data available

Density

Value	1,3	g/cm ³
Reference temperature	20	°C
Source	Manufacturer	

Solubility

No data available

Partition coefficient n-octanol/water (log value)

No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane	1067-25-0	213-926-7
log Pow		1,7	
Source		ECHA	
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)-	-	483-270-6
log Pow		9,259	
Reference temperature		20 °C	
Method		QSAR	
Source		ECHA	

Kinematic viscosity

No data available

Particle characteristics

No data available

9.2 Other information**Other information**

No data available.

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

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

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

No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane	1067-25-0	213-926-7
LD50		5170	mg/kg bodyweight

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER

Species	rat
Method	OECD 401
Source	ECHA
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)- - 483-270-6
LD50	2500 mg/kg bodyweight
Species	rat (female)
Method	OECD 423
Source	ECHA

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)- -	483-270-6	
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane 1067-25-0	213-926-7	
LC50	22,2	mg/l	
Duration of exposure	4	h	
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane 1067-25-0	213-926-7	
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)- -	483-270-6	
Duration of exposure	4	h	
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane 1067-25-0	213-926-7	
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)- -	483-270-6	
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane 1067-25-0	213-926-7	
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER

Source Evaluation	ECHA non-sensitizing
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)- - 483-270-6
Route of exposure	Skin
Species	mouse
Method	OECD 429
Source	ECHA
Evaluation	sensitizing

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane	1067-25-0	213-926-7
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity
No data available

Carcinogenicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration hazard
No data available

11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)
No data available

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane	1067-25-0	213-926-7
EC50	>	816	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EU Method C.2		
Source	ECHA		

Toxicity to Daphnia (chronic)
No data available

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER

1	trimethoxypropylsilane	1067-25-0	213-926-7
EC50	>	913	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	EU C.3		
Source	ECHA		

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No	Substance name	CAS no.	EC no.
1	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)-	-	483-270-6
NOEC		100	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

12.2 Persistence and degradability**Biodegradability**

No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane	1067-25-0	213-926-7
Value		54	%
Duration		28	d
Method	EU Method C.4-A		
Source	ECHA		
Evaluation	not readily biodegradable		
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)-	-	483-270-6
Type	ThOD		
Value		9	%
Duration		28	d
Method	OECD 301 F		
Source	ECHA		
Evaluation	not readily biodegradable		

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

No	Substance name	CAS no.	EC no.
1	trimethoxypropylsilane	1067-25-0	213-926-7
log Pow		1,7	
Source	ECHA		
2	Tin, dioctylbis(2,4-pentanedionato-κO2,κO4)-	-	483-270-6
log Pow		9,259	
Reference temperature		20	°C
Method	QSAR		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

PBT assessment	No data available.
vPvB assessment	No data available.

12.6 Endocrine disrupting properties

No data available.

Trade name: WIDOSEAL-LF 1K

Current version : 2.0.0, issued: 08.08.2023

Replaced version: 1.0.0, issued: 07.03.2023

Region:
GER

12.7 Other adverse effects

No data available.

12.8 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Trade name: WIDOSEAL-LF 1K**Current version :** 2.0.0, issued: 08.08.2023**Replaced version:** 1.0.0, issued: 07.03.2023**Region:**
GER**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	Calcium carbonate	471-34-1	207-439-9	75
2	CARBON BLACK	1333-86-4	215-609-9	75
3	titanium dioxide; [not containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]	13463-67-7	236-675-5	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

National regulations**Water Hazard Class (Germany)**

Class

1

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H226

Flammable liquid and vapour.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H371o

May cause damage to organs if swallowed.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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 Prod-ID 793237