



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 06.01.2016

revision 18.06.2015 (GB) Version 8.2

Flex 310 M Super-Tack

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

1.1. Product identifier

Name of product

Flex 310 M Super-Tack

Code-Nr. 136500

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

Recommended intended purpose(s)

1-Component Adhesives and Sealants, permanently elastic

1.3. Details of the supplier of the safety data sheet

Distributor

WEICON GmbH & Co. KG

Königsberger Str. 255, DE-48157 Münster

Postbox 48045, DE-8460 Münster

Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244

E-Mail : msds@weicon.de

Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department

Phone ++49(0)251 / 9322 - 0

E-mail (competent person):

msds@weicon.de

1.4. Emergency telephone number

GIZ Bonn (German, English) Tel: ++49(0)228-19 240

TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178

433 7434 (24h Emergency Contact)

Manufacturer

WEICON GmbH & Co. KG

Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number

Emergency advice

-

Phone -

GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)

Tel: ++49(0)228-19 240

TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178

433 7434 (24h Emergency Contact)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

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

Special rules for supplemental label elements for certain mixtures

Contains Dioctylbis(pentan-2,4-dionato-O,O')zinn . May produce an allergic reaction.



2.3. Other hazards

Information pertaining to special dangers for human and environment

Although this product is not subject to reporting requirements for hazardous products, we recommend compliance with the safety recommendations.

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Sealant

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
		Reaktionsmasse aus Octadecanamid, 12-Hydroxy-n-[2-[(1-oxodecyl)amino]ethyl]- und n,n'-Ethan-1,2-diylbis(12-hydroxyoctadecan-1-amid) und Decanamid, n,n'-1,2-Ethandiylbis-Pyrithionzink (-)	2,5 < 25	Aquatic Chronic 3, H412
13463-41-7	236-671-3		0,01 < 0,1	Acute Tox. 3, H301, H331 / Skin Irrit. 2, H315 / Eye Dam. 1, H318 / Aquatic Acute 1, H400
54068-28-9	483-270-6	Diocetylbis(pentan-2,4-dionato-O,O')zinn	0,1 < 1	Repr. 2, H361fd / STOT RE 2, H373 / Skin Sens. 1, H317 / Aquatic Chronic 3, H412

REACH

CAS No	Name	REACH registration number
	Reaktionsmasse aus Octadecanamid, 12-Hydroxy-n-[2-[(1-oxodecyl)amino]ethyl]- und n,n'-Ethan-1,2-diylbis(12-hydroxyoctadecan-1-amid) und Decanamid, n,n'-1,2-Ethandiylbis-	01-211954565-35
54068-28-9	Diocetylbis(pentan-2,4-dionato-O,O')zinn	01-0000020199-67

Additional advice

2% volatile organic compound (FOV)

! SECTION 4: First aid measures

4.1. Description of first aid measures

! General information

Remove moistened clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately 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.

Refer to medical treatment.



Rinse out mouth thoroughly with water.

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

Physician's information / possible symptoms

skin irritation

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam

ABC powder

Carbon dioxide

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Nitrogen gases (NOx)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Sulphur dioxide (SO₂)

Hydrogen-Chloride

5.3. Advice for firefighters

Special protective equipment for fire-fighters

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

Additional information

Fire residues and contaminated firefighting 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

For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

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

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

6.3. Methods and material for containment and cleaning up

Clean with cleaning agents that do not contain solvents.

Take up mechanically and send for disposal.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8



! SECTION 7: Handling and storage

7.1. Precautions for safe handling

! Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin
Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink and smoke.
Wash hands before breaks and after work.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store together with animal feedstuffs.
Do not store together with food.

Further information on storage conditions

Protect from atmospheric moisture and water
Protect from heat.
Protect from heat and direct solar radiation.
Store container at cool and aired place.
Store in a dry place.

7.3. Specific end use(s)

Recommendation(s) for intended use

See section 1.2

! SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.

! Hand protection

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

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.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

! Eye protection

tightly fitting goggles

Other protection measures

protective clothing



Appropriate engineering controls
Sufficient ventilation and exhaustion.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

pasty

Colour

various, depending on coloration

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	not applicable				
Vapourisation rate	not determined				
Flammable (solid)	no				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	1,6 g/cm ³	20 °C			
Vapour density	not determined				
Solubility in water					insoluble
Solubility/other					soluble in most of organic solvents
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	not determined				



Oxidising properties
no

Explosive properties
no

9.2. Other information
No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No information available.

10.2. Chemical stability
No information available.

10.3. Possibility of hazardous reactions
No information available.

10.4. Conditions to avoid
Keep away from heat.

10.5. Incompatible materials
No information available.

10.6. Hazardous decomposition products
Sulphur oxides
Nitrous gases
Carbon monoxide and carbon dioxide.
Hydrogen-Chloride

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat (female)	OECD 423	Information concerns to main component.
LD50 acute dermal	> 2000 mg/kg	rat (male / female)	OECD 402	Informations concern to main component.
LC50 acute inhalation	> 5,11 mg/l (4 h)	rat (male / female)	OECD 403	Informations concern to main component.
Skin irritation	low irritant effect - not necessary to label			
Eye irritation	low irritant - no labeling duty			
Skin sensitization	non-sensitizing			



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Subacute Toxicity - Carcinogenicity

Value	Species	Method	Validation
Mutagenicity			No experimental information on genotoxicity in vitro available.
Reproduction-Toxicity			No indications of toxic effects were observed in reproduction studies in animals.
Carcinogenicity			No indications of carcinogenic effects are available from long-term trials.

Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	NOEC >= 100 mg/l (96 h)	Oncorhynchus mykiss	OECD 203	Information refers to the main component.
Daphnia	LC50 94,9 mg/l (48 h)	Daphnia magna	OECD 202	Information refers to the main component.
Algae	LC50 43,2 mg/l (72 h)	Pseudokirchneriella subcapitata	OECD 201	Information refers to the main component.
Bacteria	EC50 > 1000 mg/l (3 h)	activated sludge	OECD 209	Information refers to the main component.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability	60 % (28 d) Partially biodegradable product.		OECD 301 D	

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

General regulation

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

Product is not allowed to be discharged into aquatic environment.



! SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

08 04 10

15 01 02

Name of waste

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

plastic packaging

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to the local waste regulations.

! General information

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user	No information available.		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable		
Transport/further information	No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.		

! SECTION 15: Regulatory information

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

! VOC standard

VOC content 2 %
VOC value 23,6 g/L

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



! SECTION 16: Other information

! Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

Further information

Each user is responsible for the implementation of the national special regulations.

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.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.1

H301, -?-

H335 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H361fd Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.