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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision: 25.06.2008 Replaces the version of: 18.04.2005 PDF date: 25.06.2008
Silicone Acetate white 310ml Art.: 08923172

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Silicone Acetate white 310ml

Art.: 08923172

Use of the substance/preparation

Sealant

Company/undertaking identification

Wurth UK Ltd 1 Centurion Way, Erith, UK-DA18 4AE Kent
Telephone 020 8319 6000, Fax 020 8319 6400

Distributor: see point 16 of this EC safety data sheet

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.: +49 30 / 19240 Berlin

Telephone number of the company in case of emergencies:

Tel. 020 8319 6000 (08-00 h - 18-00 h)

2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

To the environment

See point 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Polydimethyl siloxane
Fillers
Accessory agents
Cross-linking agent

Chemical name	Symbol	R-phrases	EINECS, ELINCS
content %	Registration number (ECHA)	DNEL	PNEC

Distillates (petroleum), hydrotreated middle			
1 -< 25	Xn	65	265-148-2

Ethyltriacetoxysilane			
1 -< 5	C/Xn	14-22-34	241-677-4

For complete wording of the R-phrases, refer to point 16.

4. FIRST AID MEASURES

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Never pour anything into the mouth of an unconscious person!

4.1 Inhalation

Supply person with fresh air and consult doctor according to symptoms.

4.2 Eye contact

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Do not induce vomiting - give copious water to drink. Consult doctor immediately.

Keep Data Sheet available.

4.5 Special resources necessary for first aid

n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water jet spray

Extinction powder

Alcohol resistant foam

CO₂

Sand

Cool container at risk with water.

5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

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

In case of fire the following can develop:

Acetic acid

Oxides of carbon

Formaldehyde

Toxic pyrolysis products.

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply

According to size of fire

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

6.2 Environmental precautions

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

If leakage occurs, dam up.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

Or:

Collect mechanically and dispose of according to point 13.

7. HANDLING AND STORAGE

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7.1 Handling

Tips for safe handling:

See point 6.1
 Ensure good ventilation.
 Keep away from sources of ignition - Do not smoke.
 Take precautions against electrostatic charges.
 Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
 Wash hands before breaks and at end of work.
 General hygiene measures for the handling of chemicals are applicable.
 Observe directions on label and instructions for use.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.
 Store product closed and only in original packing.

Special storage conditions:

See point 10
 Store cool
 Store in a well ventilated place.
 Protect against moisture and store closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name	Distillates (petroleum), hydrotreated middle		Content %:1 -< 25
WEL-TWA: 1200 mg/m3 (normal and branched chain >= C7) (WEL), 600 mg/m3 (AGW)	WEL-STEL: 2(II) (AGW)	---	
BMGV: ---	Other information: ---		
Chemical Name	Distillates (petroleum), hydrotreated middle		Content %:1 -< 25
WEL-TWA: 1200 mg/m3 (normal and branched chain >= C7) (WEL), 600 mg/m3 (AGW)	WEL-STEL: 2(II) (AGW)	---	
BMGV: ---	Other information: ---		
Chemical Name	Acetic acid		Content %:
WEL-TWA: 10 ppm (25 mg/m3) (EC)	WEL-STEL: ---	---	
BMGV: ---	Other information: ---		
Chemical Name	Acetic acid		Content %:
WEL-TWA: 10 ppm (25 mg/m3) (EC)	WEL-STEL: ---	---	
BMGV: ---	Other information: ---		

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

OELV-8h = Occupational Exposure Limit Value (8-hour reference period) | OELV-15min = Occupational Exposure Limit Value (15-minute reference period) | BLV = Biological limit value | Other information: C1, C2 = carcinogenic substance, Cat. 1 or 2. Mut 1, 2 = mutagenic substance, Cat. 1 or 2. Repro 1, 2 = Substances known to be toxic for reproduction, Cat. 1 or 2. Sk = can be absorbed through skin. Asphyx = asphyxiant. Sen = Respiratory sensitizer.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

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If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Applies only if maximum permissible exposure values are listed here.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:

Normally not necessary.

If OES or MEL is exceeded.

Filter ABEK (EN 141)

Hand protection:

Safety gloves made of fluorocarbon rubber (EN 374).

Permeation time (penetration time) in minutes:

> 60

Protective hand cream recommended.

Eye protection:

With danger of contact with eyes

Tight fitting protective goggles with side protection (EN 166).

Skin protection:

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Pastelike
Colour:	According to specification
Odour:	Penetrating
pH-value undiluted:	Acid reaction
Boiling point/boiling range (°C):	n.av.
Melting point/melting range (°C):	n.av.
Flash point (°C):	n.c.
Ignition temperature:	~ 400°C
Oxidising properties:	No
Minimum limit of explosion:	4 Vol% *
Maximum limit of explosion:	17 Vol% *
Vapour pressure:	n.c.
Density (g/ml):	0,98 - 1,05 g/cm ³ (25°C)
Water solubility:	Insoluble
Viscosity:	~ 800000 mPas

* Acetic acid

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Strong heat

Protect from humidity.

Product may hydrolyse.

Materials to avoid

See point 7

Alcohols

Avoid contact with strong alkalis.

Water

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Development of:
Acetic acid

Hazardous decomposition products

See point 5.3

On contact with moist air:

Acetic acid

T > 150°C:

Formaldehyde

11. TOXICOLOGICAL INFORMATION**Acute toxicity and immediate effects**

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

No classification according to calculation procedure.

According to our current state of knowledge, the preparation does not put humans at risk under normal conditions of use.

The following may result:

Acetic acid

The following applies to this substance:

Irritation of the skin.

Irritant to mucosa of the nose and throat.

12. ECOLOGICAL INFORMATION

Water hazard class (Germany):	1
Self classification:	Yes (VwVwS)
Persistence and degradability:	
Not readily biodegradable	
Behaviour in sewage plants:	Problems not expected when used correctly.
According to the recipe, contains no AOX.	
Hardened product:	
Mechanical precipitation possible.	
Aquatic toxicity:	
Not to be expected	
Toxicity to fish:	
Ecological toxicity:	n.av.

13. DISPOSAL CONSIDERATIONS**13.1. for the material / preparation / residue**

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

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15 01 01 paper and cardboard packaging
15 01 02 plastic packaging
Empty container completely.
Untamated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.
Residues may present a risk of explosion.

14. TRANSPORT INFORMATION

General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Transport by sea

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

Transport by air

IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: ---

R-phrases:

S-phrases:

Additions:

Safety data sheet available for professional user on request.

Observe restrictions: n.a.

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10/11

Revised points: 1 - 16 (REACH)

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3).

65 Harmful: may cause lung damage if swallowed.

65 Also harmful: may cause lung damage if swallowed.

14 Reacts violently with water.

22 Harmful if swallowed.

22 Also harmful if swallowed.

34 Causes burns.

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Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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