

1. Identification of the product and of the company :

Identification of the product :

SISTA UNIVERSAL SILICONE 310ML

Company/undertaking identification :

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2. Composition/information on ingredients :

Silicone elastomer

Declaration according 91/155/EEC

Hazardous Ingredients

Name	Classification	CAS-No.	EINECS / ELINICS No.	Conc. (% w/w)
Triacetoxysilane		17689-77-9	241-677-4	2.2
C		R34		
	Xn	R22		
Methyltriacetoxysilane		4253-34-3	224-221-9	2.0
C		R34		
	Xn	R22		

3. Hazards identification of the product :

Hazard symbols : Xi : Irritant

R Phrases : R 22: Harmful if swallowed.; R 34: Causes burns.

S Phrases : S 07: Keep container tightly closed.; S 08: Keep container dry.; S 24: Avoid contact with skin.; S 51: Use only in well-ventilated areas.

Other information :

Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments

4. First aid measures :

after inhalation : Remove to fresh air

after skin contact : Wipe off and wash with soap and water

after eye contact : Flush with water

after ingestion : No first aid should be needed

5. Fire fighting measures :

Suitable extinguishing media :

Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool fire exposed containers

Extinguishing media which must not be used for safety reasons : None known

Special exposure hazards arising from the product itself, from combustion products or from resulting gases :

Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde

Special protective equipment for firefighters :

A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.

6. Accidental release measures :

Personal precautions : Wear proper protective equipment

Environmental precautions : Do not allow large quantities to enter drains or surface waters

Methods of cleaning up/of removing : Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface

7. Handling and storage :

Handling :

General ventilation is recommended. Local ventilation is recommended. Avoid skin and eye contact.

Do not breathe vapour

Storage :

Do not store with oxidizing agents. Keep container closed and store away from water or moisture.

8. Exposure controls / personal protection :

Information on the system design : Ventilation : Refer to section 7

Components with specific control parameters :

Name	CAS - No.	Exposure Limits
Triacetoxysilane (ACGIH)	17689-77-9	10 ppm TWA, 15 ppm STEL as acetic acid
Methyltriacetoxysilane acid (ACGIH)	4253-34-3	10 ppm TWA, 15 ppm STEL as acetic acid

Personal protection :

Respiratory protection : Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded

Hand protection : Chemical protective gloves should be worn: Butyl rubber. Nitrile rubber. Neoprene rubber. Silver shield (TM). 4H(TM). Regarding glove's breakthrough time...., contact your chemical protective glove supplier.

Eye protection : Safety glasses should be worn

Skin protection : Wear impervious overalls in circumstances where significant skin contact can occur.

Hygiene measures : Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking

Environmental exposure controls : Refer to section 6 and 12

Additional information : None known

9. Physical and chemical parameters :

Physical form :	paste
Flash point :	not known
Color :	see product name
Odor :	acetic acid
Density :	1.04 kg/l
Hydrolysis :	-
Other specifications :	
Explosive properties :	no
Oxidizing properties :	no

10. Stability and reactivity :

Conditions to avoid : None established

Material to avoid : Can react with strong oxidising agents. Cures in the presence of water or moisture, releasing a small amount of acetic acid

Hazardous decomposition products : See section 11

11. Toxicological information :

Ingestion :

(3) Small amounts transferred to the mouth by fingers during use should not injure.

Swallowing large amounts may cause digestive discomfort

Skin contact : (3) Can irritate on prolonged or repeated contact

Other information :

Eye contact : (3) Vapours released during curing may cause eye irritation

Inhalation : (3) The vapour is irritating to the mouth, nose and throat

Other health hazard information : Product may emit formaldehyde vapours at temperatures above 150' C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentration less than one part per million (1 ppm)

(1) Based on product test data

(2) Based on assessments from related products

(3) Based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources

12. Ecological information:

Based on the components contained in the product and/or structurally comparable substances the following ecological data are to be expected :

Ecotoxicity (in water) : No adverse effects on aquatic organisms are predicted.

Bioaccumulation : No bioaccumulation potential

Other information :

Solid material, insoluble in water. No adverse effects are predicted

No adverse effects on bacteria are predicted

13. Disposal considerations and reuse :

Information about controlled disposal :

Product disposal : Dispose of in accordance with local regulations

Packaging disposal : Dispose of in accordance with local regulations

14. Transport information :

Transport over land (ADR/RID) : Not subject

Transport over inland waterways (ADN/ADNR) : Not subject

Transport over sea (IMDG) : Not subject

Transport by air (ICAO/IATA) : Not subject

15. Regulatory information :

Classification and labelling according to Chemical Hazard Information and Packaging Regulations :

Convenience according the

Symbols of danger : Xi : Irritant

R-phrases : R 22: Harmful if swallowed., R 34: Causes burns.

S-phrases : S 07: Keep container tightly closed., S 08: Keep container dry., S 24: Avoid contact with skin., S 51: Use only in well-ventilated areas.

National definitions :

Ozone depleting chemicals : No ozone depleting chemicals are present or used in manufacture

Status

EINECS : All ingredients listed or exempt

16. Other information :

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, &7/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.