

SAFETY DATA SHEET



Document number	First issued	Revision date	Revision	Issued by	Page
01A1651501-ENG-3	2004-03-08	2012-12-01	2	Christine Diedrich	1 of 8

Dow Corning 732 S-V-T

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Dow Corning 732 S-V-T

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

Are of use: Silicone elastomer

1.3 Details of the supplier of the safety data sheet

Supplier:

ALFA LAVAL Tumba AB

Hans Stahles väg
SE-147 80 Tumba
Sweden
Tel: +46 8 53 06 50 00
Fax: + 46 8 53 06 52 59

Manufacture:

Dow Corning Europe S.A.

rue Jules Bordet - Parc Industriel -
Zone C
B-7180 Seneffe
Belgium
Tel: +49 611237507

e-mail: sds.question@alfalaval.com

1.4 Emergency telephone number: Dial in case of emergency poisoning and ask for Poison Information both day and night. Dial + 46 (0) 8-331231 if you have other questions concerning acute poisonings mon-fri 9.00-17.00

2. Hazards identification

2.1 Classification of the substance or mixture

This product is not classified as hazardous according to current regulations.

2.2 Label elements

This product is not labelled.

Safety phrases

S24 Avoid contact with skin
S51 Use only in well-ventilated areas

2.3 Other hazards

No information

Additional information

No ozone depleting chemicals are present or used in the manufacture.

Dow Corning 732 S-V-T

3. Composition/information on ingredients

3.2 Mixtures

Declaration of the constituents according to CLP 1272/2008/EC

Substances	Registration No.	Weight - (%)	CAS No.	EC No	Classification
Sillanetriol, ethyl-, triacetate	-	2,2	17689-77-9	241-677-4	EUH014 Acute Tox. 4; H302 Skin Corr. 1B; H314 Substance with exposure limit
Silanetрил, methyl-, triacetate	-	2,1	4253-34-3	224-221-9	EUH014 Acute Tox. 4; H302 Skin Corr. 1B; H314 Substance with exposure limit

Declaration of ingredients constituents to 1999/45/EC

Substances	Registration No.	Weight - (%)	CAS No.	EC No	Classification
Sillanetriol, ethyl-, triacetate	-	2,2	17689-77-9	241-677-4	R14 Xn; R22 C; R34 Substance with exposure limit
Silanetрил, methyl-, triacetate	-	2,1	4253-34-3	224-221-9	R14 Xn; R22 C; R34 Substance with exposure limit

See section 16 for explanation to R-phrases and/or Hazard statements

4. First aid measures

4.1 Description of first aid measures

General recommendations

Consult a physician. Show this safety data sheet to a physician.

Document number	First issued	Revision date	Revision	Issued by	Page
01A1651501-ENG-3	2004-03-08	2012-12-01	2	Christine Diedrich	3 of 8

Dow Corning 732 S-V-T

First aid – eye contact	Rinse with water.
First aid- skin contact	Wash skin with soap and water.
First aid- ingestion	Rinse mouth with water. Drink 1-2 glass of water. Do not induce vomiting. Contact a doctor if a larger quantity is ingested.
First aid- inhalation	Provide fresh air.
4.2 Most important symptoms and effects, both acute and delayed	No information
4.3 Indication of any immediate medical attention and special treatment needed	No specific treatment. Treat symptomatically.

5. Firefighting measures	
5.1 Extinguishing media	Water spray, foam, CO2 or powder. Water can be used to cool fire exposed containers.
5.2 Special hazards arising from the substance or mixture	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides, traces of incompletely burned carbon compounds and Formaldehyde.
5.3 Advice for firefighters	A self-contained respirator and protective clothing should be worn.
Other information	Keep containers cool with water spray until the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.

6. Accidental release measures	
6.1 Personal precautions, protective equipment and emergency procedures	Use personal protection clothing according to section 8.
6.2 Environmental precautions	Prevent the material from entering drains or water courses.
6.3 Methods and material for containment and cleaning up	Determine the need to evacuate or isolate the area according to your local emergency plan. Large quantities soaked up with peat, sawdust, volcanic ash, earth, sand or other suitable material. Scrape together, cover and place in a lockable container.
6.4 Reference to other sections	Personal protection, see section 8. Disposal, see section 13.
Additional information	Material may create extremely slippery conditions underfoot.

Dow Corning 732 S-V-T

7. Handling and storage

7.1 Precautions for safe handling	Provide good ventilation when working. Do not inhale vapours. Avoid contact with eyes and skin. Use recommended safety equipment according to section 8.
7.2 Conditions for safe storage, including any incompatibilities	Store in a cool and well-ventilated place. Do not store with oxidizing agents. Keep container closed and store away from water or moisture.
7.3 Specific end use	No information

8. Exposure controls/personal protection

8.1 Control parameters

National occupational exposure limit values that correspond to Community occupational exposure limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(1) of Commission Decision 95/320/EC

Substance	CAS No	Limit value – Short term		Limit value - 8 h		Notifications
		ppm	mg/m ³	ppm	mg/m ³	
Methyl triacetoxysilane (as acetic acid)	4253-34-3	15	37	10	25	
Ethyl triacetoxysilane (as acetic acid)	17689-77-9	15	37	10	25	

Reference: GESTIS United Kingdom

8.2 Exposure controls

	Mechanical ventilation and local exhaust ventilation can be necessary.
Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work.
Eye/face protection	Protective goggles should be worn when handling the product.
Hand protection	If there is risk of direct contact or splashing, protective gloves must be worn. Recommended materials are butyl rubber, nitrile rubber, neoprene rubber.
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. A full-face mask is recommended. Recommended Filter type: AXE The choice of a filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics, contact your respiratory protection supplier.
Other protection	Wear impervious overalls in circumstances where significant skin contact may occur.
Environmental exposure controls	See section 6.

Dow Corning 732 S-V-T

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Paste. White; black; transparent.
Odour	As acetic acid.
Odour threshold	No information
pH (X °C)	No information
Melting point/freezing point	No information
Initial boiling point and boiling range	No information
Flash point	No information
Evaporation rate	No information
Flammability (solid, gas)	No information
Upper/lower flammability or explosive limits	No information
Vapour pressure	No information
Vapour density	No information
Relative density	No information
Solubility(ies)	No information
Partition coefficient: n-octanol/water	No information
Auto-ignition temperature	No information
Decomposition temperature	No information
Viscosity	No information
Explosive properties	No information
Oxidising properties	No information
9.2 Other information	Specific gravity 1,04 g/cm ³ .

Dow Corning 732 S-V-T

10. Stability and reactivity

10.1 Reactivity	May react with strong oxidising agents. Hardens in the presence of water or moisture, releasing a small amount of acetic acid.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hardens in the presence of water or moisture, releasing a small amount of acetic acid.
10.4 Conditions to avoid	No information
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	If this product is heated above 150 °C, small amounts of formaldehyde are released. Ensure adequate ventilation. Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity	Metyltriacetoxisilane Oral rat 2060 mg/m ³
Irritation	Long-term and/or repeated skin contact can cause irritation. Contact with the eyes may cause slight irritation and swelling. The vapour is irritating to the mouth, nose and throat. Vapours of formaldehyd may be released if temperatures rises over 150 °C. The vapours from formaldehyde is harmful in concentrations above 1ppm and irritates eyes and respiratory organs.
Corrosivity	No information
Sensitisation	No information
Repeated dose toxicity	No information
Carcinogenicity	No information
Mutagenicity	No information
Toxicity for reproduction	No information
Ingestion	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Dow Corning 732 S-V-T

12. Ecological information

12.1 Toxicity	No adverse effects on aquatic organisms. No adverse effects on bacteria. No data available.
12.2 Persistence and degradability	No information
12.3 Bio-accumulative potential	No bio-accumulation is indicated. Methyltriacetoxisilane Log Pow=0,25 Triacetox(ethyl)silane Log Pow=0,74
12.4 Mobility in soil	The product is insoluble in water.
12.5 Results of PBT and vPvB assessment	No information
12.6 Other adverse effects	No information

13. Disposal considerations

13.1 Waste treatment methods	Dispose of in accordance with local regulations.
EWC code:	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Example of EWC code: 08 04 00 Wastes from manufacturing, distribution and use of adhesives and sealants (including impregnation)

14. Transport information

	ADR/RID-S	IMDG	IATA
14.1 UN number	Not classified as dangerous goods.	Not classified as dangerous goods.	Not classified as dangerous goods.
14.2 UN proper shipping name	Not relevant.	Not relevant.	Not relevant.
14.3 Transport hazard class(es)	Not relevant.	Not relevant.	Not relevant.
14.4 Packing group	Not relevant.	Not relevant.	Not relevant.
14.5 Environmental hazards	Not relevant.	Not relevant.	Not relevant.
14.6 Special precautions for user	Not relevant.	Not relevant.	Not relevant.

Document number	First issued	Revision date	Revision	Issued by	Page
01A1651501-ENG-3	2004-03-08	2012-12-01	2	Christine Diedrich	8 of 8

Dow Corning 732 S-V-T

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant.	Not relevant.	Not relevant.
--	---------------	---------------	---------------

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Gestis, International Limit Values European Waste Catalogue and Hazardous Waste List
15.2 Chemical safety assessment	No.

16. Other information

Hazard statements/Risk phrases	R14 Reacts violently with water R22 Harmful if swallowed R34 Causes burns EUH014 Reacts violently with water H302 Harmful if swallowed H314 Causes severe skin burns and eye damage
Important changes have been made in section	General update according to EU 453/2010.

LIMITATION OF LIABILITY

This document is only intended to be used as guidance as regards the risks of which we are aware that are associated with the product. Every individual who works with the product or in close proximity of it must receive suitable training. Individuals who come into contact with the product must be capable of using their own judgement as regards conditions or methods for handling, storing and using the product. Alfa Laval is not liable for demands, losses or damage of any kind that arise from flaws or deficiencies in this document or from using, handling, storing or disposing of the product unless it can be proven that Alfa Laval has acted in a grossly negligent manner. **Beyond what has been agreed upon and specified in writing with Alfa Laval in the individual case, Alfa Laval makes no promises or assumes any liability, including but not limited to implicit guarantees regarding marketability or appropriateness in terms of both the information provided in this document and the product to which the information refers.**