

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 2 of 8

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
17689-77-9	241-677-4	ETA - Ethyltriacetoxysilane	1-4 %
		oral: ATE = 500 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

After contact with skin

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell.

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

Irritation to respiratory tract. Conjunctival redness. For a preparation of very similar composition, minor reversible effects were observed but the preparation was not irritant to skin or eyes according to EU criteria. Product releases acetic acid during curing. After curing, product is odourless and indifferent.

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

No data available Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Extinguishing powder. Water spray jet. Foam. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products.

5.3. Advice for firefighters

Use suitable breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Personal protection equipment: see section 8

For non-emergency personnel

No special measures are necessary.

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 3 of 8

6.3. Methods and material for containment and cleaning up

For containment

Take up mechanically. After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

For cleaning up

Clean with a cloth immediately. After curing, the product can be removed in most cases only mechanically.

Other information

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

Safe handling: see section 7

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Personal protection equipment: see section 8

Advice on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Avoid high temperatures or direct sunlight.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Eye glasses with side protection

Hand protection

Recommended glove material: E.g. butyl gloves, nitrile gloves

Recommended glove thickness: > 0,4 mm

Permeation time (maximum wear duration): > 1 h.

Skin protection

Protective clothing.

Respiratory protection

Usually no personal respiratory protection necessary.

Thermal hazards

not applicable

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 4 of 8

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid: Paste
Colour:	various
Odour:	characteristic
Odour threshold:	not determined

Test method

Changes in the physical state

Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	not determined
Sublimation point:	not applicable
Softening point:	not determined
Flash point:	> 150 °C ISO 2592
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / dynamic:	not determined
Viscosity / kinematic: (at 40 °C)	> 1000 mm ² /s ISO 3219
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1,0 - 1,2 g/cm ³

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion: No data available

Other safety characteristics

Solvent content: VOC: < 30 g/l
VOC (CH): < 30 g/kg

Further Information

not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 5 of 8

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

May form hazardous decomposition products when exposed to high temperatures.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight. Protect from moisture.

10.5. Incompatible materials

Acid. Oxidising agent, strong. Reducing agent, strong. Water.

10.6. Hazardous decomposition products

Hazardous combustion products. Carbon dioxide (CO₂). Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
17689-77-9	ETA - Ethyltriacetoxysilane				
	oral	ATE mg/kg	500		

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 6 of 8

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
17689-77-9	ETA - Ethyltriacetoxysilane					
	Acute fish toxicity	LC50 mg/l	102,74	96 h	Pimephales promelas	
	Acute crustacea toxicity	EC50 mg/l	84,53	48 h	Daphnia magna	
	Algae toxicity	NOEC mg/l	16,98	3 d	Pseudokirchneriella subcapitata	

12.2. Persistence and degradability

Poorly biodegradable.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

practically insoluble

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.

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No data available

12.7. Other adverse effects

No indication of other harmful effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

List of Wastes Code - residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

List of Wastes Code - contaminated packaging

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

Contaminated packaging

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Land transport (ADR/RID)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 7 of 8

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 13.

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
EUH071	Corrosive to the respiratory tract.
EUH210	Safety data sheet available on request.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Silicone Acetate

Revision date: 31.10.2022

Page 8 of 8

Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)