

**DOW CORNING(R) 781 ACETOXY SILICONE CLEAR****1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

<b>Trade name</b>	:	DOW CORNING(R) 781 ACETOXY SILICONE CLEAR		
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical characterization:** Silicone elastomer

**Hazardous Ingredients:**

Name	CAS-No.	EINECS/ ELINCS No.	Conc. (% w/w)	Classification	
Triacetoxy(ethyl)silane	17689-77-9	241-677-4	2.0	C Xn	R34 R22
Methyltriacetoxy silane	4253-34-3	224-221-9	1.8	C Xn	R34 R22

**3. HAZARDS IDENTIFICATION**

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

**4. FIRST AID MEASURES**

<b>On contact with eyes</b>	:	Flush with water.
<b>On skin contact</b>	:	Flush with water.
<b>If inhaled</b>	:	Remove to fresh air.
<b>On ingestion</b>	:	No first aid should be needed.

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## 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.
- Unsuitable extinguishing media** : None known.
- Hazards during fire fighting** : None known.
- Special protective equipment/procedures** : 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.
- Hazardous Combustion Products** : Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Do not allow large quantities to enter drains or surface waters.
- Methods for cleaning up** : Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

## 7. HANDLING AND STORAGE

- Advice on safe handling** : General ventilation is recommended. Local ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.
- Advice on storage** : Do not store with oxidizing agents. Keep container closed and store away from water or moisture.
- Specific uses** : Refer to technical data sheet available on request.
- Unsuitable packaging materials** : None known.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls** : Ventilation : Refer to Section 7

**Exposure controls for hazardous components**

Name	CAS-No.	Exposure Limits
Triacetoxymethylsilane	17689-77-9	10 ppm TWA, 15ppm STEL as acetic acid.



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**Hazardous decomposition products** : See section 11.

**11. TOXICOLOGICAL INFORMATION**

**On contact with eyes** : Vapours released during curing may cause eye irritation.

**On skin contact** : Can irritate on prolonged or repeated contact.

**If inhaled** : The vapour is irritating to the mouth, nose and throat.

**On ingestion** : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

**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). This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

<sup>1</sup> Based on product test data.

<sup>2</sup> Based on test data from similar products.

**12. ECOLOGICAL INFORMATION****Environmental fate and distribution**

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

**Ecotoxicity effects**

No adverse effects on aquatic organisms are predicted.

**Bioaccumulation** : No bioaccumulation potential.

**Fate and effects in waste water treatment plants**

No adverse effects on bacteria are predicted.

**13. DISPOSAL CONSIDERATIONS**

**Product disposal** : Dispose of in accordance with local regulations.

**Packaging disposal** : Dispose of in accordance with local regulations.

**DOW CORNING(R) 781 ACETOXY SILICONE CLEAR****14. TRANSPORT INFORMATION****Road / Rail (ADR/RID)**

Not subject to ADR/RID.

**Sea transport (IMDG)**

Not subject to IMDG code.

**Air transport (IATA)**

Not subject to IATA regulations.

**15. REGULATORY INFORMATION****Labelling according to EEC Directive**

**S-phrases** : S24 Avoid contact with skin.  
S51 Use only in well-ventilated areas.

**National legislation / regulations**

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

**Status**

**EINECS** : All ingredients listed or exempt.

**TSCA** : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**DOW CORNING(R) 781 ACETOXY SILICONE CLEAR****16. OTHER INFORMATION**

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/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.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Dow Corning Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Dow Corning shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Dow Corning supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Dow Corning supplier.

**R22** Harmful if swallowed., **R34** Causes burns.