

DOW CORNING**PRODUCT SAFETY DATA SHEET**

According to EC directive 91/155/EEC and subsequent amendments

Version: 1.0

Revision Date: 28.07.2000

DOW CORNING(R) 734 FLOWABLE ADHESIVE SEALANT WHITE**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

Trade name : DOW CORNING(R) 734 FLOWABLE ADHESIVE SEALANT WHITE

Company : Dow Corning Europe
Rue Général de Gaulle 62
B-1310 La Hulpe
Belgium

Service : Dow Corning Central Europe Tel: +49 6112371
Fax: +49 611237609
: Dow Corning Northern Europe Tel: +44 1676528000
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: Dow Corning Southern Europe Tel: +33 472841360
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Emergency Phone Number : Dow Corning (Barry U.K. 24h) Tel: +44 1446732350
Dow Corning (Wiesbaden 24h) Tel: +49 61122158

2. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical characterization:** Silicone elastomer**Hazardous Ingredients:**

Name	CAS-No.	Conc. (% w/w)	Classification
Ethyltriacetoxysilane	17689-77-9	3.0	C R34
Methyltriacetoxysilane	4253-34-3	2.0	C R34

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- Precautions to protect the environment** : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
- Methods for cleaning up** : Determine the need to evacuate or isolate the area according to your local emergency plan. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE

- Advice on safe handling** : General ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.
- Advice on storage** : Do not store with oxidizing agents.
- Unsuitable packaging materials** : None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls : Refer to Section 7

Exposure controls for hazardous components

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

Personal protection equipment

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DOW CORNING(R) 734 FLOWABLE ADHESIVE SEALANT WHITE**10. STABILITY AND REACTIVITY****Stability** : Stable under normal usage conditions.**Conditions to avoid** : None established.**Materials to avoid** : Can react with strong oxidising agents.**Hazardous decomposition products** : See section 11.**11. TOXICOLOGICAL INFORMATION****On contact with eyes** ³ : Irritating.**On skin contact** ³ : Irritating.**If inhaled** ³ : The vapour is irritating to the mouth, nose and throat.**On ingestion** ³ : 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).¹ Based on product test data.² Based on assessments from related products.³ This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.**12. ECOLOGICAL INFORMATION****Environmental fate and distribution**

Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

Ecotoxicity effects

No adverse effects on aquatic organisms.

Bioaccumulation : No bioaccumulation potential.**Fate and effects in waste water treatment plants**

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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.

16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548/EEC and 88/379/EEC 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 88/379/EEC.

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.

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Removed > 90% by binding onto sewage sludge. No adverse effects on bacteria. The siloxanes in this product do not contribute to the BOD.

Additional environmental information

Additional environmental information on the silicone component is available on request.

13. DISPOSAL CONSIDERATIONS

Product disposal : Dispose of in accordance with local regulations.

Packaging disposal : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION**Road / Rail (ADR/RID)**

Not subject to ADR/RID.

Sea transport (IMDG)

Not subject to IMDG code.

Air transport (ICAO)

Not subject to ICAO regulations.

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

Symbols : Xi Irritant

R-phrases : R36/38 Irritating to eyes and skin.

S-phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.

National legislation / regulations

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

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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.
Eye protection	: Face shield or safety goggles.
Skin protection	: Protective equipment is not normally necessary.
Hygiene measures	: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Additional information	: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Viscous Liquid **Colour:** White **Odour:** Acetic acid

Other data

Boiling point/range	: > 35°C/95°F
Flash point	: 82.2 °C (Closed Cup)
Explosive properties	: No
Vapour pressure	: < 5 mm Hg at 20°C.
Specific Gravity	: 1.04
Water solubility	: < 0.1 g/l at 25°C.
Viscosity	: 50,000 cSt at 25°C.
Oxidizing properties	: No

The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

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3. HAZARDS IDENTIFICATION

The principal hazards of the product as supplied are:

Irritating to eyes and skin.

4. FIRST AID MEASURES

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| On contact with eyes | : | Flush with water. Obtain medical attention. |
| On skin contact | : | Wipe off and wash with soap and water. If skin irritation persists, get medical attention. |
| If inhaled | : | Remove to fresh air. |
| On 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. |
| 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

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| Personal precautions | : | Wear proper protective equipment. |
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