

DOW CORNING

PRODUCT SAFETY DATA SHEET

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

Version: 1.0

Revision Date: 28.06.2000

DOW CORNING(R) 732 ADHESIVE SEALANT BLACK

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name : DOW CORNING(R) 732 ADHESIVE SEALANT BLACK

Company : Dow Corning Europe
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B-1310 La Hulpe
Belgium

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: Dow Corning Southern Europe Tel: +33 472841360
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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	
Methyltriacetoxysilane	4253-34-3	2.0	C	R34
Ethyltriacetoxysilane	17689-77-9	2.0	C	R34

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3. HAZARDS IDENTIFICATION

The principal hazards of the product as supplied are:

Not hazardous according to Council Directive 88/379/EEC and its subsequent amendments.

4. FIRST AID MEASURES

- On contact with eyes** : Flush with water.
- On skin contact** : Wipe off and wash with soap and water.
- 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

- Personal precautions** : Wear proper protective equipment.

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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. 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.

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
Silica, amorphous	7631-86-9	6 mg/m3 TWA Inhalable dust 2.4 mg/m3 TWA Respirable dust
Methyltriacetoxysilane	4253-34-3	10 ppm TWA, 15ppm STEL as acetic acid.

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

Personal protection equipment

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10. STABILITY AND REACTIVITY

- Stability** : Stable under normal usage conditions.
- Conditions to avoid** : None established.
- Materials 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

- On contact with eyes**³ : Vapours released during curing may cause eye irritation.
- On skin contact**³ : Can irritate on prolonged or repeated contact.
- 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

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

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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.

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

R-phrases : Not hazardous according to Council Directive 88/379/EEC and its subsequent amendments.

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.

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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.