

DOW CORNING(R) 1200 OS PRIMER CLEAR

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name	:	DOW CORNING(R) 1200 OS PRIMER CLEAR		
Company	:	Dow Corning S.A. Parc Industriel - Zone C B-7180 Seneffe Belgium		
Service	:	Dow Corning Central Europe	Tel: +49 6112371	
			Fax: +49 611237609	
		Dow Corning Northern Europe	Tel: +44 1676528000	
			Fax: +44 1676528001	
		Dow Corning Southern Europe	Tel: +33 472841360	
			Fax: +33 472841379	
Emergency Phone Number	:	Dow Corning (Barry U.K. 24h)	Tel: +44 1446732350	
		Dow Corning (Wiesbaden 24h)	Tel: +49 61122158	
		Dow Corning (Seneffe 24h)	Tel: +32 64 888240	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of inorganic and organic compounds

Hazardous Ingredients:

Name	CAS-No.	EINECS/ ELINCS No.	Conc. (% w/w)	Classification
Octamethyltrisiloxane	107-51-7	203-497-4	85.0	R53
Tetrapropyl orthosilicate	682-01-9	211-659-0	5.0	Xi R36/38
Titanium tetrabutanolate	5593-70-4	227-006-8	5.0	Xi R36/38
Tetrakis(2-butoxyethyl) orthosilicate	18765-38-3	242-560-0	5.0	Xi R38

3. HAZARDS IDENTIFICATION

The principal hazards of the product as supplied are:

Flammable.
May cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

On contact with eyes	:	Flush with water.
On skin contact	:	Flush with water.
If inhaled	:	Remove to fresh air.

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On ingestion : Do not induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : On large fires use medium expansion (>30:1) AFFF alcohol compatible foam. On small fires use medium expansion (>30:1) AFFF alcohol compatible foam, CO2 or water spray. Water can be used to cool fire exposed containers.

Unsuitable extinguishing media : None known.

Hazards during fire fighting : Fire burns more vigorously than would be expected. Vapours are heavier than air and can travel along ground to remote ignition sources. Electrostatic charges may be generated during transfer of product from its container. Ensure that all equipment is electrically earthed.

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 : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Do not empty into drains.

Methods for cleaning up : Determine the need to evacuate or isolate the area according to your local emergency plan. Eliminate all possible sources of ignition. 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 required. Local ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.

Advice on storage : Store in a flameproof, well ventilated area. Electrostatic charges may be generated during transfer of product from its container. Ensure that all equipment is electrically earthed. Keep container tightly closed.

Specific uses : Refer to technical data sheet available on request.

Unsuitable packaging materials : None known.

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Specific Gravity	:	0.82
Viscosity	:	1 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.

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	:	Slightly irritating.
On skin contact	:	Can irritate on prolonged or repeated contact. Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis.
If inhaled	:	May cause dizziness, drowsiness, confusion, headaches, nausea, and at high concentrations, unconsciousness.
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).

¹ Based on product test data.

² Based on test data from similar products.

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

Volatile siloxanes rapidly evaporate into the atmosphere, where they degrade. They do not persist in water or soil.

Ecotoxicity effects

No acute fish toxicity (96 h) is predicted. May cause long-term adverse effects in the aquatic environment.

Bioaccumulation : Volatile siloxanes may bioaccumulate in closed test systems.

Fate and effects in waste water treatment plants

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No adverse effects on bacteria. The siloxanes in this product do not contribute to the BOD. Mainly removed by volatilisation.

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.

DOW CORNING(R) 1200 OS PRIMER CLEAR**14. TRANSPORT INFORMATION****Road / Rail (ADR/RID)**

UN No. : 1993

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S. (SPECIAL PROVISION 640 E)
(Contains OCTAMETHYLTRISILOXANE/TETRAPROPYL ORTHOSILICATE.)

Class : 3

Packing group : III

Trem-Card : 30GF1-III

Labels : ADR DANGER LABEL MODEL NO 3

Sea transport (IMDG)

UN No. : 1993

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.
(Contains OCTAMETHYLTRISILOXANE/TETRAPROPYL ORTHOSILICATE.)

Class : 3

Packing group : III

Medical First Aid Guide (MFAG) : REFER TO THE EMERGENCY ACTION TABLE OF MFAG

Emergency Schedule (EmS) : EMS F-E EMS S-E

Marine pollutant : Not Applicable

Labels : FLAMMABLE LIQUID

Air transport (IATA)

UN No. : 1993

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.
(Contains OCTAMETHYLTRISILOXANE/TETRAPROPYL ORTHOSILICATE.)

Class : 3

Packing group : III

Labels : FLAMMABLE LIQUID

DOW CORNING(R) 1200 OS PRIMER CLEAR**15. REGULATORY INFORMATION****Labelling according to EEC Directive**

- R-phrases** : R10 Flammable.
R53 May cause long-term adverse effects in the aquatic environment.
- S-phrases** : S2 Keep out of the reach of children.
S24/25 Avoid contact with skin and eyes.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

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.

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.

R36/38 Irritating to eyes and skin., **R38** Irritating to skin., **R53** May cause long-term adverse effects in the aquatic environment.