

## DOW CORNING(R) 1200 RTV PRIME COAT/CLEAR

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

<b>Trade name</b>	:	DOW CORNING(R) 1200 RTV PRIME COAT/CLEAR		
<b>Company</b>	:	Dow Corning S.A. Parc Industriel - Zone C B-7180 Seneffe Belgium		
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		Dow Corning Northern Europe	Tel: +44 1676528000	
			Fax: +44 1676528001	
		Dow Corning Southern Europe	Tel: +33 472841360	
			Fax: +33 472841379	
<b>Emergency Phone Number</b>	:	Dow Corning (Barry U.K. 24h)	Tel: +44 1446732350	
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## 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	
Solvent naphtha (petroleum), light aliph.	64742-89-8	265-192-2	85.0	Xn	R65
Xylene	1330-20-7	215-535-7	<=6.8	Xn Xi	R20/21 R38
Tetrapropyl orthosilicate	682-01-9	211-659-0	5.0	Xi	R36/38
Titanium tetrabutanolate	5593-70-4	227-006-8	4.9	Xi	R36/38
2-Methoxyethanol	109-86-4	203-713-7	<=3.0	Xn Repr. Cat. 2	R20/21/22 R60 R61
Tetrakis(2-methoxyethyl) orthosilicate	2157-45-1	218-470-2	1.9	Xi	R36/38
Ethylbenzene	100-41-4	202-849-4	<=1.7	Xn	R20

**DOW CORNING(R) 1200 RTV PRIME COAT/CLEAR****3. HAZARDS IDENTIFICATION**

The principal hazards of the product as supplied are:

Highly flammable.  
May impair fertility.  
May cause harm to the unborn child.  
Harmful: May cause lung damage if swallowed.

**4. FIRST AID MEASURES**

**On contact with eyes** : Flush with water.  
**On skin contact** : Flush with water. Obtain medical attention.  
**If inhaled** : Remove to fresh air. Obtain medical attention.  
**On ingestion** : Do not induce vomiting. Obtain medical attention.

**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** : Vapours are heavier than air and can travel along ground to remote ignition sources.  
**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.  
**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.

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**7. HANDLING AND STORAGE**

- Advice on safe handling** : Do not ingest. Avoid skin and eye contact. General ventilation is required. Local ventilation is recommended. 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.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Exposure controls for hazardous components**

Name	CAS-No.	Exposure Limits
Solvent naphtha (petroleum), light aliph.	64742-89-8	300 ppm TWA as VM&P naphtha (ACGIH).
Xylene	1330-20-7	150 ppm STEL 100 ppm TWA 662 mg/m3 STEL 441 mg/m3 TWA
2-Methoxyethanol	109-86-4	5 ppm TWA 16 mg/m3 TWA
Tetrakis(2-methoxyethyl) orthosilicate	2157-45-1	5 ppm TWA as 2-methoxyethanol.
Ethylbenzene	100-41-4	125 ppm STEL 100 ppm TWA 552 mg/m3 STEL 441 mg/m3 TWA

**Personal protection equipment**

- 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 where repeated or prolonged contact can occur: Polyvinyl alcohol(PVA). Nitrile rubber. Silver shield(TM). 4H(TM). Viton(TM). Regarding glove's breakthrough time...,contact your chemical protective glove supplier.

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<b>Eye protection</b>	:	Safety glasses should be worn.
<b>Skin protection</b>	:	Wear impervious overalls in circumstances where significant skin contact can occur.
<b>Hygiene measures</b>	:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
<b>Environmental exposure controls</b>	:	Refer to section 6 and 12.
<b>Additional information</b>	:	These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones in consumer aerosol applications, please refer to the guidance document regarding the use of silicone-based materials in consumer aerosol applications that has been developed by the silicone industry ( <a href="http://www.SEHSC.com">www.SEHSC.com</a> ) or contact the Dow Corning customer service group.

**9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance

**Form:** Liquid                      **Colour:** Colorless                      **Odour:** Solvent

Other data

<b>Boiling point/range</b>	:	> 100 °C
<b>Flash point</b>	:	12.8 °C (Pensky-Martens Closed Cup)
<b>Explosive properties</b>	:	No
<b>Specific Gravity</b>	:	0.760
<b>Viscosity</b>	:	1 cSt at 25°C.
<b>Oxidizing properties</b>	:	No

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

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	:	Stable under normal usage conditions.
<b>Conditions to avoid</b>	:	None established.
<b>Materials to avoid</b>	:	Can react with strong oxidising agents.
<b>Hazardous decomposition products</b>	:	See section 11.

**11. TOXICOLOGICAL INFORMATION**

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<b>On contact with eyes</b>	:	Slightly irritating.
<b>On skin contact</b>	:	Toxic to reproduction. Possible risk of impaired fertility. Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis.
<b>If inhaled</b>	:	Toxic to reproduction. Possible risk of impaired fertility. May cause dizziness, drowsiness, confusion, headaches, nausea, and at high concentrations, unconsciousness.
<b>On ingestion</b>	:	Can cause serious injury if aspirated into the lungs. Toxic to reproduction. Possible risk of impaired fertility.
<b>Other Health Hazard Information</b>	:	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).

<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**

The organic solvents in the product are biodegradable. Organic solvents may evaporate into the atmosphere, where they degrade.

**Ecotoxicity effects**

No adverse effects on aquatic organisms are predicted.

**Bioaccumulation** : Low potential to bioaccumulate.

**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) 1200 RTV PRIME COAT/CLEAR****14. TRANSPORT INFORMATION****Road / Rail (ADR/RID)**

**UN No.** : 1993

**Proper Shipping Name** : FLAMMABLE LIQUID, N.O.S. (SPECIAL PROVISION 640 D)  
(Contains NAPHTHA/XYLENE)

**Class** : 3

**Packing group** : II

**Trem-Card** : 30GF1-II

**Labels** : ADR DANGER LABEL MODEL NO 3

**Sea transport (IMDG)**

**UN No.** : 1993

**Proper Shipping Name** : FLAMMABLE LIQUID, N.O.S.  
(Contains NAPHTHA/XYLENE)

**Class** : 3

**Packing group** : II

**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 NAPHTHA/XYLENE)

**Class** : 3

**Packing group** : II

**Labels** : FLAMMABLE LIQUID

**DOW CORNING(R) 1200 RTV PRIME COAT/CLEAR****15. REGULATORY INFORMATION****Labelling according to EEC Directive**

- Contains** : Solvent naphtha (petroleum), light aliph.  
: 2-Methoxyethanol
- Symbols** : F Highly flammable.  
: T Toxic.
- R-phrases** : R11 Highly flammable.  
: R60 May impair fertility.  
: R61 May cause harm to the unborn child.  
: R65 Harmful: May cause lung damage if swallowed.
- S-phrases** : S24/25 Avoid contact with skin and eyes.  
: S33 Take precautionary measures against static discharges.  
: S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
: S51 Use only in well-ventilated areas.  
: S53 Avoid exposure - obtain special instructions before use.  
: S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
- Other phrases** : Restricted to professional users.

**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) 1200 RTV PRIME COAT/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.

**R20** Harmful by inhalation., **R20/21** Harmful by inhalation and in contact with skin., **R20/21/22** Harmful by inhalation, in contact with skin and if swallowed., **R36/38** Irritating to eyes and skin., **R38** Irritating to skin., **R60** May impair fertility., **R61** May cause harm to the unborn child., **R65** Harmful: May cause lung damage if swallowed.