

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

1.1 Product name	: DOW CORNING(R) PR-1204 RTV PRIME COAT	
1.2 Identified uses	: Adhesive, binding agents	
Uses advised against	: None known.	
1.3 Company	: Dow Corning Europe S.A. rue Jules Bordet - Parc Industriel - Zone C B-7180 Seneffe Belgium	
E-mail address (Safety Data Sheet)	: sdseu@dowcorning.com	
Customer Service	: English Deutsch Français Italiano Español	Tel: +49 611237507 Tel: +49 611237500 Tel: +32 64511149 Tel: +32 64511170 Tel: +32 64511163 Fax: +32 64888683
1.4 Emergency Phone Number	: Dow Corning (Barry U.K. 24h) Dow Corning (Wiesbaden 24h) Dow Corning (Seneffe 24h)	Tel: +44 1446732350 Tel: +49 61122158 Tel: +32 64 888240

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

According to EU Directives 67/548/EEC or 1999/45/EC:

R11 Highly flammable.
R36/38 Irritating to eyes and skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63 Possible risk of harm to the unborn child.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

2.2 Label elements**Labelling according to EEC Directive**

Contains	: Solvent naphtha (petroleum), light aliph. : Toluene
Symbols	: F Highly flammable. Xn Harmful.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT**R-phrases**

- : R11 Highly flammable.
R36/38 Irritating to eyes and skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63 Possible risk of harm to the unborn child.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

S-phrases

- : S23(V) Do not breathe vapour.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33 Take precautionary measures against static discharges.
S36/37 Wear suitable protective clothing and gloves.
S51 Use only in well-ventilated areas.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3 Other hazards

Vapours may form explosive mixtures with air.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of inorganic and organic compounds**According to EU Directives 67/548/EEC or 1999/45/EC:**

Name	CAS-No.	EINECS/ ELINCS No.	REACH Registration Number	Conc. (% w/w)	Classification	
Solvent naphtha (petroleum), light aliph.	64742-89-8	265-192-2	-	65,0	F Xn	R11 R65
Toluene	108-88-3	203-625-9	01-21194713 10-51	19,0	F Xi Xn	R11 R38 R48/20 R65 Xn, Toxic for reproduction - category 3. R63 R67
Tetrakis(2-butoxyethyl) orthosilicate	18765-38-3	242-560-0	-	3,8	Xi	R38
Titanium tetrabutanolate	5593-70-4	227-006-8	-	3,7	Xi	R10 R37/38 R41 R67
Butan-1-ol	71-36-3	200-751-6	01-21194846 30-38	2,4	Xn Xi	R10 R22 R37/38 R41 R67

According to Regulation (EC) No. 1272/2008:

Name	CAS-No.	EINECS/ ELINCS No.	REACH Registration Number	Conc. (% w/w)	Classification
Solvent naphtha (petroleum), light aliph.	64742-89-8	265-192-2	-	65,0	Flammable liquid: Category 2 - H225 Aspiration hazard: Category 1 - H304
Toluene	108-88-3	203-625-9	01-21194713 10-51	19,0	Flammable liquid: Category 2 - H225 Skin corrosion/irritation: Category 2 - H315 Reproductive toxicity: Category 2 - H361d Specific target organ toxicity - single exposure (Inhalation - vapour): Category 3 (narcotic effects) - H336 Specific target organ toxicity - repeated exposure (Inhalation - vapour): Category 2 (central nervous system) - H373 Aspiration hazard: Category 1 - H304

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT

Tetrakis(2-butoxyethyl) orthosilicate	18765-38-3	242-560-0	-	3,8	Skin corrosion/irritation: Category 2 - H315
Titanium tetrabutanolat	5593-70-4	227-006-8	-	3,7	Flammable liquid: Category 3 - H226 Skin corrosion/irritation: Category 2 - H315 Serious eye damage/eye irritation: Category 1 - H318 Specific target organ toxicity - single exposure (Inhalation - vapour): Category 3 (respiratory tract irritation) - H335 Specific target organ toxicity - single exposure (Inhalation - vapour): Category 3 (narcotic effects) - H336
Butan-1-ol	71-36-3	200-751-6	01-21194846 30-38	2,4	Flammable liquid: Category 3 - H226 Acute toxicity (Oral): Category 4 - H302 Skin corrosion/irritation: Category 2 - H315 Serious eye damage/eye irritation: Category 1 - H318 Specific target organ toxicity - single exposure (Inhalation - vapour): Category 3 (respiratory tract irritation) - H335 Specific target organ toxicity - single exposure (Inhalation - vapour): Category 3 (narcotic effects) - H336

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

CLP classifications are based on all current available data including from known international organizations. These classifications are subject to revision as more information becomes available.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures:

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

- 4.2 Most important symptoms/effects, acute and delayed** : Irritating to eyes and skin.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Possible risk of harm to the unborn child.
Harmful: May cause lung damage if swallowed.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT

Vapours may cause drowsiness and dizziness.

5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media** : On large fires use dry chemical, foam or water spray (fog). On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
- Unsuitable extinguishing media** : None known.
- 5.2 Hazards during fire fighting** : 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. Vapours may form explosive mixtures with air.
- Hazardous Combustion Products** : Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.
- 5.3 Special protective equipment/procedures** : A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** : A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Eliminate all possible sources of ignition.
- 6.2 Environmental precautions** : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Do not empty into drains.
- 6.3 Methods and materials for containment and 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

- 7.1 Advice on safe handling** : General ventilation is required. Local ventilation is required. Avoid skin and eye contact. Do not breathe vapour. Do not breathe spray or mist. Do not ingest. Do not empty into drains.
- 7.2 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. Vapours may form explosive mixtures with air.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT

Storage temperature: minimum 0 °C, maximum 35 °C

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Name	CAS-No.	Exposure Limits
Solvent naphtha (petroleum), light aliph.	64742-89-8	10 mg/m ³ STEL Oil Mist,mineral 5 mg/m ³ TWA Oil Mist,mineral
Toluene	108-88-3	20 ppm TWA
Butan-1-ol	71-36-3	20 ppm TWA

8.2 Exposure controls

Engineering Controls : Ventilation : Refer to Section 7.1Personal 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.
A suitable respirator must be worn if the product is used in any circumstances where an aerosol or mist may be generated, such as during spraying or similar activities.
Depending on the working conditions, wear a respiratory mask with filter(s) AP or use a self-contained respirator.
The choice of a filter type depends on the amount and type of chemical being handled in the workplace. Regarding filter characteristics, contact your respiratory protection supplier.

Hand protection : Chemical protective gloves should be worn: Polyvinyl alcohol(PVA). Nitrile rubber. Silver shield(TM). 4H(TM). Viton(TM). Regarding glove's breakthrough time,contact your chemical protective glove supplier.

Eye/face protection : Face shield or safety goggles.

Skin protection : Wear impervious overalls in circumstances where significant skin contact can occur.

Hygiene measures : Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Remove contaminated clothing.

Additional information : 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 / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these types of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT

Environmental exposure controls : Refer to section 6 and 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Colour : Colorless to pale yellow

Odour : Solvent odor.

Boiling point/range : > 65 °C

Flash point : 6 °C (Tag Closed Cup)

Explosive properties : No
Vapours may form explosive mixtures with air.

Specific Gravity : 0,8

Viscosity : 1 mm²/s 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

10.1 Reactivity : None known.

10.2 Stability : Stable under normal usage conditions.

10.3 Possibility of hazardous reactions : None known.

10.4 Conditions to avoid : Eliminate all possible sources of ignition.

10.5 Materials to avoid : Can react with strong oxidising agents.

10.6 Hazardous decomposition products : Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

11. TOXICOLOGICAL INFORMATION**Acute toxicity:**

On contact with eyes : Causes serious eye irritation.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT

- On skin contact** : Irritating.
- If inhaled** : Single exposure may cause transient drowsiness and dizziness.
- On ingestion** : May be fatal if swallowed and enters airways.

Chronic toxicity:

- On skin contact** : Can irritate on prolonged or repeated contact. Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis. Suspected of damaging the unborn child.
- If inhaled** : Prolonged or repeated inhalation may cause damage to specific organ(s) - see section 3. May cause dizziness, drowsiness, confusion, headaches, nausea, and at high concentrations, unconsciousness. Suspected of damaging the unborn child.
- On ingestion** : Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung oedema or pneumonia. Suspected of damaging the unborn child.

Toxicokinetics, metabolism and distribution : Dangerous amounts can be absorbed through the skin.

¹ Based on product test data.

² Based on test data from similar products.

12. ECOLOGICAL INFORMATION**12.1 Ecotoxicity effects**

No adverse effects on aquatic organisms are predicted.

12.2 Persistence and degradability

The organic components contained in the product are biodegradable, however they are not classified as readily biodegradable. Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

12.3 Bioaccumulation

Low potential to bioaccumulate.

12.4 Release to waters / Mobility in soil**Fate and effects in waste water treatment plants:**

No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT**13. DISPOSAL CONSIDERATIONS**

Product and packaging disposal : Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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

UN No. : UN 1993

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.(Petroleum distillates / Toluene)

Class : 3

Packing group : II

Labels : 3

Sea transport (IMDG)

UN No. : UN 1993

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.(Petroleum distillates / Toluene)

Class : 3

Packing group : II

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

Labels : flammable liquid

Air transport (IATA)

UN No. : UN 1993

Proper Shipping Name : Flammable liquid, n.o.s.(Petroleum distillates / Toluene)

Class : 3

Packing group : II

Labels : Flammable Liquid

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Status**

EINECS	: All ingredients listed, exempt or notified (ELINCS).
TSCA	: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
IECSC	: All ingredients listed or exempt.
ENCS/ISHL	: All ingredients listed, exempt or notified.
PICCS	: All ingredients listed, exempt or notified.
DSL	: Consult your local Dow Corning office.
AICS	: Consult your local Dow Corning office.
KECL	: One or more ingredients are not listed or exempt or identified.

SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.0

Revision Date: 03.09.2013

Superseded date: 02.10.2009

DOW CORNING(R) PR-1204 RTV PRIME COAT**16. OTHER INFORMATION**

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its 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 article 31 and Annex II of the EU REACH Regulation.

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.

Source of information: Internal data and publically available information

R10 Flammable., **R11** Highly flammable., **R22** Harmful if swallowed., **R37/38** Irritating to respiratory system and skin., **R38** Irritating to skin., **R41** Risk of serious damage to eyes., **R48/20** Harmful: danger of serious damage to health by prolonged exposure through inhalation., **R63** Possible risk of harm to the unborn child., **R65** Harmful: May cause lung damage if swallowed., **R67** Vapours may cause drowsiness and dizziness.

H225 Highly flammable liquid and vapour., **H226** Flammable liquid and vapour., **H302** Harmful if swallowed., **H304** May be fatal if swallowed and enters airways., **H315** Causes skin irritation., **H318** Causes serious eye damage., **H335** May cause respiratory irritation., **H336** May cause drowsiness or dizziness., **H361d** Suspected of damaging the unborn child.