

SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST (CATALYST information is below)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name	:	SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST (CATALYST information is below)	
Company	:	Dow Corning S.A. rue Jules Bordet - 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
Use of the substance/preparation	:	Vulcanising agents	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Tin salt

Hazardous Ingredients:

Name	CAS-No.	EINECS/ ELINCS No.	Conc. (% w/w)	Classification
Calcium carbonate	471-34-1	207-439-9	16.0	
Dibutyltin dilaurate	77-58-7	201-039-8	5.0	Xn R22 N R50/53 Xi R36 T R48/25 Repr. Cat. 2 R60 R61 Muta. Cat. 3 R68
Dibutyltin Dilaurate impurities	-	Exempt or not available	<=0.3	N R50/53 Xn R22 Xi R36 T R48/25 Repr. Cat. 2 R60 R61 Muta. Cat. 3 R68

**SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST
(CATALYST information is below)****3. HAZARDS IDENTIFICATION****The principal hazards of the product as supplied are:**

Harmful: danger of serious damage to health by prolonged exposure if swallowed.
May impair fertility.
May cause harm to the unborn child.
Possible risk of irreversible effects.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

On contact with eyes : Flush with water.
On skin contact : No first aid should be needed.
If inhaled : Remove to fresh air.
On ingestion : 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 : 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.
Precautions to protect the environment : Do not empty into drains. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Inform local authorities if this cannot be prevented.

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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. Local ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour. Do not ingest.

Advice on storage : Do not store with oxidizing agents.

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
Calcium carbonate	471-34-1	5 mg/m ³ (OEL, 8h TWA) respirable dust; 10mg/m ³ (OEL, 8h TWA) total inhalable dust.
Dibutyltin dilaurate	77-58-7	0.2 mg/m ³ STEL as Sn 0.1 mg/m ³ TWA as Sn

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.
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.
A full-face mask is recommended.
Recommended Filter type: AP
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: Silver shield(TM). 4H(TM). Regarding glove's breakthrough time...,contact your chemical protective glove supplier.

Eye protection : Safety goggles should be worn.

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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.
Environmental exposure controls	:	Refer to section 6 and 12.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Viscous Liquid **Colour:** Blue **Odour:** Very little

Important health, safety and environmental information

Boiling point/range	:	> 200 °C
Flash point	:	> 101.1 °C (Closed Cup)
Explosive properties	:	No
Specific Gravity	:	1.09
Viscosity	:	70 Pa 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

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. If this product is heated to > 150 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

11. TOXICOLOGICAL INFORMATION

**SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST
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On contact with eyes	:	Slightly irritating.
On skin contact	:	No adverse effects are normally expected.
If inhaled	:	No adverse effects are normally expected.
On ingestion	:	May impair fertility. May cause harm to the unborn child. Danger of serious damage to health by prolonged exposure. Possible risk of irreversible effects: mutagenic effects.
Other Health Hazard Information	:	Product may emit formaldehyde vapour at temperatures above 150°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected. This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

¹ Based on product test data.

² Based on test data from similar products.

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

Toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

Bioaccumulation : Organotin compounds can bioaccumulate.

Fate and effects in waste water treatment plants

If used as intended this product is not expected to reach waste water treatment plants. Do not empty into drains.

13. DISPOSAL CONSIDERATIONS

Product 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.
Packaging disposal	:	Dispose of in accordance with local regulations. 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 3082

**SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST
(CATALYST information is below)**

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Dibutyltin dilaurate)

Class : 9

Packing group : III

Labels : 9

Sea transport (IMDG)

UN No. : UN 3082

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Dibutyltin dilaurate)

Class : 9

Packing group : III

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

Marine pollutant : Dibutyltin dilaurate

Labels : miscellaneous

Air transport (IATA)

Not subject to IATA regulations.

**SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST
(CATALYST information is below)****15. REGULATORY INFORMATION****Labelling according to EEC Directive**

Contains	:	Dibutyltin dilaurate
Symbols	:	T Toxic. N Dangerous for the environment.
R-phrases	:	R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed. R60 May impair fertility. R61 May cause harm to the unborn child. R68 Possible risk of irreversible effects. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases	:	S25 Avoid contact with eyes. S36/37 Wear suitable protective clothing and gloves. 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. S57 Use appropriate container to avoid environmental contamination. S60 This material and its container must be disposed of as hazardous waste.
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.

**SILASTIC(R) 3120 RTV BASE AND DOW CORNING(R) 1 CATALYST
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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.

R22 Harmful if swallowed., **R36** Irritating to eyes., **R48/25** Toxic, danger of serious damage to health by prolonged exposure if swallowed., **R50/53** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., **R60** May impair fertility., **R61** May cause harm to the unborn child., **R68** Possible risk of irreversible effects.