

SAFETY DATA SHEET

RHODORSIL RTV 3428 B

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Date: 07/03/2002

Version: 1

Cancel and replaces version:

1 Product and company identification.

PRODUCT NAME : RHODORSIL RTV 3428 B
Quality : Blanc, Rose, Translucide.
Use : Moulding diverse objects.
(For further information, refer to the product technical data sheet).

SUPPLIER : Manufacturer :
Name : RHODIA SILICONES s.a.s.
Address : 19,avenue G. Pompidou.
F-69486 LYON cedex 03.

Telephone number : 04 72 13 19 00.
Telex number : RPSIL 305 111 F.
Telefax number : 04 72 13 19 00.

MANUFACTURING SITE
Factory : RHODIA SILICONES s.a.s.
USINE SILICONES.
Address : 1 rue des frères Perret.
F - 69191 SAINT FONS cedex.

Telephone number : 04 72 73 74 75.
Telex number : 900 870 F.
Telefax number : 04 72 73 75 99.

2 Composition / information on ingredients

>> PREPARATION

Chemical nature : Blend based on polymethylvinylsiloxanes and silica. + pigment.
Components contributing to the hazard : None.
Components presenting hazards : Platinum (CAS: 7440-06-4) : 145 mg/kg.EINECS N°: 231-116-1

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3 Hazards identification

MOST IMPORTANT HAZARDS

Adverse human health effects

: Slightly irritating to eyes.

Environmental effects

: Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.

Physical and chemical hazards

- Fire or explosion

: Combustible.

Classification/Specific hazards

: According to EEC criteria, this product is not classified as a "hazardous preparation".

4 First-aid measures

Inhalation

: Not specifically applicable.

Skin contact

: Wipe off as much as possible (using a clean, soft, absorbent material).
Wash immediately with plenty of soap and water.

Eye contact

: Immediately rinse with water for a prolonged period whilst keeping the eyes wide open.
If irritation persists, consult an eye specialist.

Ingestion

: Consult a doctor if necessary.

5 Fire - fighting measures

Extinguishing media

- Suitable

: Foam.
Powders.
Carbon dioxide (CO₂).

- Not suitable

: None to our knowledge. If there is a fire close by, use suitable extinguishing agents.

Specific hazards

: For further information, refer to section 10: "Stability and Reactivity".

Specific fire fighting methods

: Cool down the containers/equipment exposed to heat with a water spray.

Protection of fire-fighters

: Self-contained breathing apparatus.

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6 Accidental release measures

- Personal precautions
- Environmental precautions
- Methods for cleaning up
- Recovery
 - Neutralization
 - Cleaning/Decontamination
 - Disposal
- : Personal protective equipment:
Safety spectacles.
- : This product does not present any particular risk for the environment.
- : Collect up the product and place it in a spare container: - suitably labelled.
- with a closing device.
Keep the recovered product for subsequent disposal.
- : Absorb residues with:
- dry sand or dry inert absorbent.
- : Decontaminate and wash the floor with:
- an appropriate solvent.(cf. : § 9)
Then wash with plenty of water.
- : Incinerate contaminated materials at an authorized installation.
-

7 Handling and storage

HANDLING

- Technical measures
- Safe handling advice
- : Does not require any specific or particular measures.
- : Comply with instructions for use (refer to technical sheet).

STORAGE

- Technical measures
- Storage conditions
- Recommended
- Incompatible products
- Packaging
- Packaging materials
- Recommended
- : Does not require any specific or particular technical measures.
- : Stable under normal storage conditions.
- : Strong oxidizing agents.
- : - Steel drums varnished with epikote.
- Polypropylene buckets/boxes (outer packaging = cardboard).
- : Coated steels.
Plastic materials (polyethylene, polypropylene).
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8 Exposure controls / personal protection

Engineering measures	:	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Control parameters		
Occupational exposure limits		
- Limits (France)	:	Platinum : VME : 1 mg/m ³ .
- Limits (U.S.A./A.C.G.I.H.)	:	Platinum : TLV (TWA) = 1 mg/m ³ .
Personal protective equipment		
- Eye protection	:	Safety spectacles.
Collective emergency equipment	:	Eye fountain.

9 Physical and chemical properties

APPEARANCE

- Physical state	:	Liquid.
- Form	:	viscous.
- Colour	:	translucent. Depends on the pigment.
Odour	:	very slight.
pH	:	Not applicable
Specific temperatures		
Decomposition temperature	:	> 200°C.
Flammability characteristics		
- Flash point	:	> 200 ° C (Closed cup, according to method AFNOR T60103).
- Auto-ignition temperature	:	>400°C (Spontaneous ignition temperature).
Oxidizing properties	:	Non oxidizing material according to EEC criteria.
Specific gravity	:	Approx. 1005 - 1050 kg/m ³ at 25°C.
Solubility		
- in water	:	Practically insoluble.
- in organic solvents	:	Very slightly soluble in: - acetone Dispersible (partial solubilisation) in: - alcohol (ethanol) - diethylether - Aliphatic hydrocarbons. - aromatic hydrocarbons (toluene, xylene). - chlorinated solvents.
Dynamic viscosity	:	approx. 1000 mPa.s at 25°C.

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10 Stability and reactivity.

Stability	:	Stable at room temperature.
Hazardous reactions	:	
- Materials to avoid	:	Reacts with: - strong oxidizing agents.
- Hazardous decomposition products	:	On combustion forms: (Carbon oxides (CO + CO ₂)). amorphous silica

11 Toxicological information

Acute toxicity	:	LD 50 skin (Rat): >2000 mg/kg. LD 50 oral (Rat) : > 2000 mg/kg. (Unpublished work). (Results based on a similar product).
Local effects	:	May cause slight temporary irritation to ocular mucous membranes.
Sensitisation	:	No information available.
Specific effects	:	
- Mutagenicity	:	No information available.

12 Ecological information

MOBILITY	:	
Precipitation	:	Slightly soluble product, readily forms deposits.
Expected behaviour of the product	:	Ultimate destination of the product : SOIL and SEDIMENT.
BIODEGRADABILITY	:	
- Ultimate aerobic biodegradability	:	Not biodegradable.
BIOACCUMULATION	:	
Bioconcentration factor.	:	Not bioaccumulable.
ECOTOXICITY	:	
Effects on the aquatic environment	:	No specific information available, however, by analogy, this product is not considered to present any particular risk to the aquatic environment.

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13 Disposal considerations

WASTE FROM RESIDUES

Destruction/Disposal : Dispose of at a licensed waste collection point.

CONTAMINATED PACKAGING

Decontamination/cleaning : Scrape or drain carefully:
Rinse with an appropriate solvent.
Recover the solvent used for rinsing and incinerate at a licensed site.

Destruction/Disposal : Entrust the thoroughly decontaminated packaging to a licensed waste-contractor.
Entrust the cardboard packaging to a licensed waste-contractor.

NOTE : The user's attention is drawn to the possible existence of local regulations regarding disposal.

14 Transport information

INTERNATIONAL REGULATIONS

Land

- Rail/road (RID/ADR) : NOT restricted.

Sea (IMO/IMDG) : NOT restricted.

Air (ICAO-IATA) : NOT restricted.

OTHER REGULATIONS

- France: Rail/road (RID/ADR) : NOT restricted.

NOTE : The above regulatory prescriptions are those valid on the date of publication of this sheet.
Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

15 Regulatory information

LABELLING

EEC regulations : Mandatory labelling (self-classification) of hazardous preparations:
Not applicable.

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NOTE : The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 Other information

R Phrases of § 2 : No R phrases.

- European inventory (EINECS, ELINCS) : These polymers are not concerned by the EINECS inventory. The corresponding monomers are registered in the EINECS inventory. All the other constituents of this preparation are registered in the EINECS inventory.

- American inventory (TSCA) : All the components of this preparation are registered in the TSCA inventory.

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.