

SAFETY DATA SHEET

RHODORSIL RTV 3428 B

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Date: 09/03/2006

Version: 2

Cancel and replaces version: 1.00

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 : 190, avenue Thiers.
F-69457 LYON cedex 06.
Telephone number : +33 (0) 4 72 13 19 00
Telefax number : +33 (0) 4 72 13 19 88.
MANUFACTURING SITE
Factory : RHODIA SILICONES S.A.S.
Usine Silicones Rhône-Alpes.
Address : 1-55 rue des Frères PERRET.
F-69191 Saint Fons Cedex.
Telephone number : +33 (0) 4 72 73 74 75.
Telefax number : +33 (0) 4 72 73 75 99.

2 Composition / information on ingredients

>> PREPARATION

Chemical nature : Blend based on:
Polymethylvinylsiloxanes
silica
additive
Components presenting hazards : none.

3 Hazards identification

MOST IMPORTANT HAZARDS

Adverse human health effects : The product does not present any particular risk.
Physical and chemical hazards
- Fire or explosion : Combustible.

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

4 First-aid measures

Inhalation : Not specifically applicable. **[*]**

Skin contact : Remove all contaminated clothing and footwear.
Wash with soap and water.
In case of inflammation (redness, irritation, ...) obtain medical attention.
Show this sheet to the doctor. **[*]**

Eye contact : Rinse with running water whilst keeping the eyes wide open. (at least 15 minutes). **[*]**

Ingestion : NEVER attempt to induce vomiting. Rinse mouth out with water. **[*]**

Further information : Use appropriate protective equipment when treating a contaminated person.
Place contaminated clothing in a sealed bag for disposal. **[*]**

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.

6 Accidental release measures

Personal precautions : Personal protective equipment:
Safety spectacles.

Environmental precautions : This product does not present any particular risk for the environment.

Methods for cleaning up

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- Recovery : Collect up the product and place it in a spare container:
 - suitably labelled.
 - with a closing device.Keep the recovered product for subsequent disposal.
 - Neutralization : Absorb residues with:
 - dry sand or dry inert absorbent.
 - Cleaning/Decontamination : Decontaminate and wash the floor with:
 - an appropriate solvent. (cf. : § 9)Then wash with plenty of water.
 - Disposal : Incinerate contaminated materials at an authorized installation.
-

7 Handling and storage

HANDLING

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

STORAGE

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

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.
 - Personal protective equipment
 - Hand protection : Protective gloves must be chosen according to the function of the work station: other chemicals which may be handled, physical protection necessary (resistance to cutting, puncture, heat), dexterity required.
 - Eye protection : Safety spectacles.
 - Skin and body protection : Protective clothing with elasticated cuffs and closed neck.
 - Collective emergency equipment : Eye fountain.
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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 EC criteria.
 - Specific gravity : Approx. 1005 - 1050 kg/m³ at 25°C.
 - Solubility
 - in water : Practically insoluble.
 - in organic solvents : Very slightly soluble in:
 - acetoneDispersible (partial solubilisation) in:
 - alcohol (ethanol)
 - diethylether
 - Aliphatic hydrocarbons.
 - aromatic hydrocarbons (toluene, xylene).
 - chlorinated solvents.
 - Dynamic viscosity : approx. 1000 mPa.s at 25°C.
-

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 + CO₂)).
amorphous silica
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11 Toxicological information

- Acute toxicity : Not classified as harmful by inhalation
Not classified as harmful by contact with skin
Not classified as harmful if swallowed
(by calculation according to the conventional method)
(internal evaluation) [*]
- Local effects : Not classified as irritating to skin and eyes
(by calculation according to the conventional method)
(internal evaluation) [*]
By mechanical effect : May cause slight temporary irritation to ocular mucous membranes.
- Sensitisation : Not classified as sensitising by skin contact
(by calculation according to the conventional method)
(internal evaluation) [*]
- Specific effects
- Mutagenicity : Data available only for some components
No genotoxic potential was observed in tests performed on the components of the preparation. [*]
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12 Ecological information

MOBILITY

Expected behaviour of the product : Ultimate destination of the product : SOIL and SEDIMENT.

BIODEGRADABILITY

- Ultimate aerobic biodegradability : Silicone component :
Not biodegradable.
(Published data).

Inorganic part :
Not biodegradable.
(Published data).

BIOACCUMULATION

Bioconcentration factor. : Silicone component :
Not bioaccumulable.
(Published data).

Inorganic part :
Not bioaccumulable.
(Published data).

ECOTOXICITY

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Effects on the aquatic environment : According to the data on the components
NOT considered to be : Harmful to aquatic organisms.
(internal evaluation)

13 Disposal considerations

RESIDUES FROM PRODUCT

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.

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

EC 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

Registration numbers : These polymers are not concerned by the EINECS inventory. The monomers corresponding to the polymer are registered in the EINECS inventory. All the other constituents of this preparation are registered in the EINECS inventory. All the components of this preparation are registered in the TSCA inventory.

R Phrases of § 2 & 3 : No R phrases.

* Update : Subheadings and text which have been modified since the previous version are indicated with an asterisk (*).

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.