



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier:

Product name: BLUESIL RTV 3428 A

Synonyms, Trade Names: RHODORSIL RTV 3428 A

Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Contact with food products.

Uses advised against: None known.

Details of the supplier of the safety data sheet:**Manufacturer:**

BLUESTAR SILICONES Usines Rhône-Alpes
1-55 rue des Frères PERRET
F-69 192 SAINT FONS Cedex

Telephone: +33 (0) 4 72 73 74 75

Fax: +33 (0) 4 72 73 75 99

e-mail: fds.sil@bluestarsilicones.com

Supplier:

Bluestar Silicones (UK) Ltd
Wolfe Mead, Farnham Road
UK-GU35 0NH Bordon

Telephone: +44 (0) 1420 477000

Emergency telephone number: +44 (0) 1865 407333

SECTION 2: Hazards identification

Classification of the substance or mixture:

The product has not been classified as hazardous according to the legislation in force.

Hazard summary:

Physical hazards: No data available.

Health hazards:

Inhalation: No specific symptoms noted.

Eye contact: No specific symptoms noted.

Skin contact: No specific symptoms noted.

Ingestion: No specific symptoms noted.

Other Health Effects: No other information noted.

Environmental hazards: Not regarded as dangerous for the environment.

Label elements:

The product does not need to be labeled in accordance with EC directives or respective national laws.

Other hazards: No data available.

SECTION 3: Composition/information on ingredients

Mixtures:

General information: Mixture of Polyorganosiloxanes, fillers.

Classification:

SECTION 4: First aid measures

General: Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

Description of first aid measures:

Inhalation: Not relevant.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

Skin contact: Remove contaminated clothing and shoes. Wash with soap and water.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly.

Most important symptoms and effects, both acute and delayed: None known.

Indication of any immediate medical attention and special treatment needed:

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: Firefighting measures

General fire hazards: No specific recommendations.

Extinguishing media:

Suitable extinguishing media: Foam. Powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.

Special hazards arising from the substance or mixture: Combustible. For further information, refer to section 10: "Stability and Reactivity".

Advice for firefighters:

Special Fire Fighting Procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Eliminate all sources of ignition. Use personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment. Keep away from Alkalis and caustic products.

Environmental precautions: Collect spillage. Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up: Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Container must be kept tightly closed. Absorb with sand or other inert absorbent. Do NOT use products which are basic. To clean the floor and all objects contaminated by this material, use an appropriate solvent. (cf. : § 9) Flush area with plenty of water. Incinerate in suitable combustion chamber.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

SECTION 7: Handling and storage:

Precautions for safe handling: Use mechanical ventilation in case of handling which causes formation of vapors. Do not mix with Incompatible materials. For further information, refer to section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store in tightly closed original container. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.

Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

Control parameters:

Occupational exposure limits: None of the components have assigned exposure limits.

Exposure controls:
Appropriate engineering controls: Avoid inhalation of vapors and spray mists.

Individual protection measures, such as personal protective equipment:

General information: No specific precautions.

Eye/face protection: Safety Glasses

Skin protection:
Hand protection: Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). Rubber or plastic.

Other: It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.

Respiratory Protection: No specific precautions.

Hygiene measures: Provide eyewash station and safety shower.

Environmental Controls: No data available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties:

Appearance:
Physical State: Liquid
Form: Viscous.

| | |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color: | Colourless., Translucent. |
| Odor: | Faint |
| Odor Threshold: | No data available. |
| pH: | Not applicable |
| Freezing point: | No data available. |
| Boiling Point: | No data available. |
| Flash Point: | > 200 °C (Closed cup according to method Afnor T 60103.) |
| Evaporation Rate: | No data available. |
| Flammability (solid, gas): | No data available. |
| Flammability Limit - Upper (%)-: | No data available. |
| Flammability Limit - Lower (%)-: | No data available. |
| Vapor pressure: | No data available. |
| Vapor density (air=1): | No data available. |
| Relative density: | Approximate 1,12 (20 °C) |
| Solubility(ies): | |
| Solubility in Water: | Practically Insoluble |
| Solubility (other): | Acetone.: Practically Insoluble Alcohol: Practically Insoluble Diethylether.: Dispersible Aliphatic hydrocarbons.: Dispersible Aromatic hydrocarbons.: Dispersible Chlorinated solvents.: Dispersible |
| Partition coefficient (n-octanol/water): | No data available. |
| Autoignition Temperature: | 400 °C |
| Decomposition Temperature: | > 200 °C |
| Viscosity: | Approximate 22 000 mm ² /s (25 °C) |
| Explosive properties: | No data available. |
| Oxidizing properties: | According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship) |

SECTION 10: Stability and reactivity

| | |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity: | No other information noted. |
| Chemical stability: | Stable |
| Possibility of hazardous reactions: | During Storage, This product may generate hydrogen gas. |
| Conditions to avoid: | No other information noted. |
| Incompatible materials: | Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogen, in the presence of metal salts and complexes. |
| Hazardous decomposition products: | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica. Quantity of hydrogen potentially released (l/kg of product): < 4 |

SECTION 11: Toxicological information

| | |
|-------------------------------------------------|--------------------------------------------------------|
| Information on likely routes of exposure | |
| Inhalation: | No effects expected (assessment based on ingredients). |
| Ingestion: | No effects expected (assessment based on ingredients). |
| Skin contact: | No effects expected (assessment based on ingredients). |

Eye contact: No effects expected (assessment based on ingredients).

Information on toxicological effects:

Acute Toxicity:

Oral:

Product: No effects expected (assessment based on ingredients).

Dermal:

Product: No effects expected (assessment based on ingredients).

Specified substance(s):

Inhalation:

Product: No effects expected (assessment based on ingredients).

Repeated dose toxicity:

Product: No effects expected (assessment based on ingredients).

Skin corrosion/irritation:

Product: No effects expected (assessment based on ingredients).

Serious eye damage/eye irritation:

Product: No effects expected (assessment based on ingredients).

Respiratory or skin sensitization:

Product: No effects expected (assessment based on ingredients).

Germ cell mutagenicity:

In vitro:

Product: No effects expected (assessment based on ingredients).

In vivo:

Product: No effects expected (assessment based on ingredients).

Carcinogenicity:

Product: No effects expected (assessment based on ingredients).

No data available.

Specified substance(s):

Reproductive toxicity:

Product: No effects expected (assessment based on ingredients).

Reproductive toxicity(Fertility):

Product: No data available.

Specified substance(s):

Developmental Toxicity(Teratogenicity):

Product: No data available.

Specified substance(s):

Specific target organ toxicity - single exposure:

Product: No effects expected (assessment based on ingredients).

Specific target organ toxicity - repeated exposure:

Product: No effects expected (assessment based on ingredients).

Aspiration hazard:

Product: No effects expected (assessment based on ingredients).

Other adverse effects: None known.

SECTION 12: Ecological information

Toxicity:

Acute toxicity:

Fish:

Product: No effects expected (assessment based on ingredients).

Aquatic invertebrates:

Product: No effects expected (assessment based on ingredients).

Chronic Toxicity:

Fish:

Product: No effects expected (assessment based on ingredients).

Aquatic invertebrates:

Product: No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants:

Product: No effects expected (assessment based on ingredients).

Persistence and degradability:

Biodegradation:

Product: Not applicable

BOD/COD ratio:

Product: No data available.

Specified substance(s):

Bioaccumulative potential:

Product: No data available.

Specified substance(s):

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments:

Results of PBT and vPvB assessment: None Reported

Other adverse effects: None known.

SECTION 13: Disposal considerations

Waste treatment methods:

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

Disposal Methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Incinerate in suitable combustion chamber.

Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

European Waste Codes:

SECTION 14: Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

National Regulations:

Chemical safety assessment: No data available.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the R-phrases and H-statements in section 2 and 3: None

Training information: No data available.

Inventory Status

| | |
|------------------------------------------|----------------------------------------|
| Australia AICS: | On or in compliance with the inventory |
| Canada DSL Inventory List: | On or in compliance with the inventory |
| EU EINECS List: | On or in compliance with the inventory |
| Japan (ENCS) List: | On or in compliance with the inventory |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory |
| Korea Existing Chemicals Inv. (KECI): | On or in compliance with the inventory |
| Philippines PICCS: | On or in compliance with the inventory |
| US TSCA Inventory: | On or in compliance with the inventory |
| New Zealand Inventory of Chemicals: | On or in compliance with the inventory |

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SDS No:

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.