

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** BLUESIL RTV 3131 B

### Recommended use and restriction on use

**Recommended use:** Molding diverse objects.

**Restrictions on use:** None known.

### Manufacturer/Importer/Supplier/Distributor Information

#### Manufacturer

Company Name: Elkem Siliconi Italia Srl  
Address: via Archimede, 602  
I-21042 Caronno Pertusella  
Telephone: +39 (02) 964 141  
Fax: +39 (02) 96450209  
Contact Person:  
E-mail: fds.sil@elkem.com

#### Supplier

Company Name: Elkem Silicones USA Corp.  
Address: Two Tower Blvd, Suite 1601  
08816-1100 East Brunswick, NJ  
Telephone: +1 (732) 227-2060  
Fax: +1 (732) 249-7000

**Emergency telephone number:** +1 (800) 424-9300 CHEMTREC

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

Toxic to reproduction

Category 2

### Label Elements

#### Hazard Symbol:



**Signal Word:** Warning

**Hazard Statement:** Suspected of damaging fertility.

#### Precautionary Statements

**Prevention:** Use personal protective equipment as required.

**Response:** IF exposed or concerned: Get medical advice/attention.

**Other hazards which do not result in GHS classification:** No data available.

### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Octamethylcyclotetrasiloxane	556-67-2	0.1 - <1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Mixture of Polyorganosiloxanes, additives.

### 4. First-aid measures

**General information:** For further information refer to section 8 "Exposure-controls/personal protection".

**Ingestion:** Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

**Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin Contact:** Wash skin thoroughly with soap and water. Get medical attention if symptoms occur after washing.

**Eye contact:** In the event of contact with the eyes, rinse thoroughly with clean water for at least 15 minutes. Get medical attention if irritation persists after washing.

#### Most important symptoms/effects, acute and delayed

**Symptoms:** None known.

**Hazards:** No specific recommendations.

#### Indication of immediate medical attention and special treatment needed

**Treatment:** No specific recommendations.

### 5. Fire-fighting measures

**General Fire Hazards:** No specific recommendations.

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Dry chemical, alcohol resistant foam or carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** None known.

**Specific hazards arising from the chemical:** Product will burn under fire conditions. Hazardous Decomposition Products : formaldehyde, oxides of carbon and silica.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Water spray should be used to cool containers.

**Special protective equipment for fire-fighters:** Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

**Methods and material for containment and cleaning up:** Absorb with sand or other inert absorbent and place into containers.

**Notification Procedures:** Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

**Environmental Precautions:** Do not allow to enter drains, sewers or watercourses.

## 7. Handling and storage

**Precautions for safe handling:** See Section 8 of the SDS for Personal Protective Equipment.

**Conditions for safe storage, including any incompatibilities:** Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Appropriate Engineering Controls** No specific recommendations.

### Individual protection measures, such as personal protective equipment

**General information:** Provide sufficient ventilation during operations which cause vapor formation.

**Eye/face protection:** Safety Glasses.

#### Skin Protection

**Hand Protection:** Protective gloves are recommended.

**Other:** Wear suitable protective clothing.

**Respiratory Protection:** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

#### Appearance

<b>Physical state:</b>	Liquid
<b>Form:</b>	Viscous
<b>Color:</b>	Colorless
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	Not applicable
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	> 356 °F (> 180 °C) (Closed cup according to method ASTM D56.)
<b>Evaporation rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	< 0.1 hPa (68 °F (20 °C))
<b>Vapor density:</b>	No data available.
<b>Density:</b>	Approximate 1.1 kg/dm <sup>3</sup> (68 °F (20 °C))
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	Practically Insoluble
<b>Solubility (other):</b>	Diethylether: Miscible (in all proportions). Chlorinated solvents: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Aliphatic hydrocarbons: Miscible (in all proportions). Acetone: Very slightly soluble. Ethanol: Very slightly soluble.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	> 752 °F (400 °C)
<b>Decomposition temperature:</b>	> 392 °F (200 °C)
<b>Viscosity:</b>	9,000 mm <sup>2</sup> /s (68 °F (20 °C))
<b>Other information</b>	
<b>Oxidizing properties:</b>	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable
<b>Possibility of hazardous reactions:</b>	Will not occur.

<b>Conditions to avoid:</b>	None known.
<b>Incompatible Materials:</b>	Strong oxidizers, strong acids, and strong bases.
<b>Hazardous Decomposition Products:</b>	This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion:</b>	No data available.
<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Ingestion:</b>	No data available.
<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

<b>Oral Product:</b>	No data available.
<b>Dermal Product:</b>	No data available.
<b>Inhalation Product:</b>	No data available.

<b>Repeated dose toxicity Product:</b>	No effects expected (assessment based on ingredients).
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<b>Skin Corrosion/Irritation Product:</b>	No effects expected (assessment based on ingredients).
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<b>Serious Eye Damage/Eye Irritation Product:</b>	No effects expected (assessment based on ingredients).
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<b>Respiratory or Skin Sensitization Product:</b>	No effects expected (assessment based on ingredients).
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<b>Carcinogenicity Product:</b>	No effects expected (assessment based on ingredients).
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**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity****In vitro****Product:** No effects expected (assessment based on ingredients).**In vivo****Product:** No effects expected (assessment based on ingredients).**Reproductive toxicity****Product:** No data available.**Specified substance(s):**

Octamethylcyclotetrasiloxane Suspected of damaging fertility.

**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 effects:** None known.**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No effects expected (assessment based on ingredients).**Aquatic Invertebrates****Product:** No effects expected (assessment based on ingredients).**Chronic hazards to the aquatic environment:****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.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Specified substance(s):**

Octamethylcyclotetrasiloxane Fathead Minnow, Bioconcentration Factor (BCF): 12,400

**Partition Coefficient n-octanol / water (log Kow)****Product:** No data available.**Mobility in soil:** No data available.**Known or predicted distribution to environmental compartments**

Octamethylcyclotetrasiloxane No data available.

**Other adverse effects:** None known.**13. Disposal considerations****Disposal instructions:**

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

**14. Transport information**

This material is not subject to transport regulations.

**Environmental hazards:** Not regulated.**Special precautions for user:** No special precautions.**15. Regulatory information****US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

### Hazard categories

☐ Acute (Immediate) ☒ Chronic (Delayed) ☐ Fire ☐ Reactive ☐ Pressure Generating

### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

### SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

### SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

### Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

## US State Regulations

### US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

### US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

### US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

### US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

### US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.



### Inventory Status:

Australia AICS:	On or in compliance with the inventory.
Canada DSL Inventory List:	On or in compliance with the inventory.
EINECS, ELINCS or NLP:	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.

### 16. Other information, including date of preparation or last revision

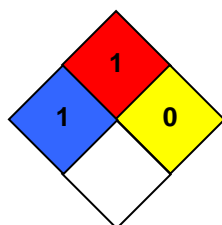
#### HMIS Hazard ID

<b>Health</b>	*	1
<b>Flammability</b>		1
<b>Physical Hazards</b>		0
<b>PERSONAL PROTECTION</b>		<b>B</b>

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

#### NFPA Hazard ID



Flammability
Health
Reactivity
Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

<b>Issue Date:</b>	08/22/2018
<b>Revision Date:</b>	No data available.
<b>Version #:</b>	2.0
<b>Further Information:</b>	No data available.

**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.