



# Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: October 2014

Product name: Food-grade silicone 3428 Part B

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## **SECTION 1. Identification of the substance/mixture and of the company/undertaking.**

### 1.1 Product identifier

Trade name: Food-grade silicone 3428 Part B

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture: Contact with food products.

### 1.3 Details of the supplier of the safety data sheet

Company: Esprit Composite  
22, Rue Gassendi  
F-75014 Paris  
France  
Telephone: Tel: +33 1 4044 4797  
Telefax: Fax: +33 1 4044 4951  
Website: www.espritcomposite.com  
E-mail: contact@espritcomposite.fr

### 1.4 Emergency telephone number:

NHS Direct England or Wales: +44 0845 4647  
NHS 24 Scotland (UK only): +44 08454 242424

## **SECTION 2. Hazards identification**

### 2.1 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 specific recommendations.

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

### 2.2 Label elements

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

### 2.3 Other hazards

No data available.

## **SECTION 3. Composition/information on ingredients**

### 3.2 Mixtures

General information: Mixture of Polyorganosiloxanes, fillers, additives.

## **SECTION 4. First aid measures:**

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

### 4.1 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.



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Skin Contact:	Remove contaminated clothing and shoes. Wash with soap and water.
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly.
<u>4.2 Most important symptoms and effects, both acute and delayed</u>	
Symptoms:	None known.
<u>4.3 Indication of any immediate medical attention and special treatment needed</u>	
Hazards:	No specific recommendations.
Treatment:	No specific recommendations.

## **SECTION 5. Fire fighting measures**

General Fire Hazards:	No specific recommendations.
<u>5.1 Extinguishing media</u>	
Suitable extinguishing media:	Extinguish with foam, carbon dioxide or dry powder. Water spray.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.
<u>5.2 Special hazards arising from the substance or mixture</u>	
Specific hazards during firefighting:	For further information, refer to Section 10: "Stability and Reactivity".
<u>5.3 Advice for firefighters</u>	
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. Use standard firefighting procedures and consider the hazards of other involved materials.

## **SECTION 6. Accidental release measures**

<u>6.1 Personal precautions, protective equipment and emergency procedures</u>	
Personal precautions:	Wear appropriate personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment. Keep away from Alkalis and caustic products. Eliminate all sources of ignition.
<u>6.2 Environmental precautions</u>	
Environmental precautions:	Collect spillage. Do not discharge into drains, water courses or onto the ground.
<u>6.3 Methods and material for containment and cleaning up</u>	
Methods for cleaning up:	Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Absorb with sand or other inert absorbent. Remove all incompatible materials as quickly as possible : 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.
<u>6.4 Reference to other sections</u>	
For personal protection:	Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

## **SECTION 7. Handling and storage**

### 7.1 Precautions for safe handling



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Advice on safe handling:

No specific precautions.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidizing agents. Suitable containers: polyethylene. Plastic lined steel drum.

## 7.3 Specific end use(s)

Specific use(s):

No specific recommendations.

## **SECTION 8. Exposure controls/personal protection**

### 8.1 Control parameters

Occupational Exposure Limits:

None of the components have assigned exposure limits.

### 8.2 Exposure controls

Engineering measures:

No special precautions.

#### **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**

### 9.1 Information on basic physical and chemical properties

Physical State:

Liquid

Form:

Viscous.

Color:

White

Odor:

Faint

Odor Threshold:

no data available

pH:

Not applicable

Melting Point:

No data available.

Boiling Point:

No data available.

Flash Point:

> 200 °C (Closed cup according to method ASTM D-56.)

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:

1,00-1,05 (20 °C) Approximate

Solubility(ies):

Solubility in Water:

Practically Insoluble

Solubility (other):

Acetone: Practically Insoluble

Alcohol: Dispersible

Diethylether: Dispersible



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Partition coefficient (n-octanol/water):

Autoignition Temperature:

Decomposition Temperature:

Viscosity:

Explosive properties:

Oxidizing properties:

Aliphatic hydrocarbons: Dispersible

Aromatic hydrocarbons: Dispersible

Chlorinated solvents: Dispersible

No data available.

400 °C

No data available

Approximate 7 000 mm<sup>2</sup>/s (25 °C)

No data available.

According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

No information available

9.2 Other information:

## **SECTION 10. Stability and reactivity**

### 10.1 Reactivity

Reactivity:

Not relevant.

### 10.2 Chemical stability

Chemical stability:

Stable

### 10.3 Possibility of hazardous reactions

Hazardous reactions:

Not known.

### 10.4 Conditions to avoid

Conditions to avoid:

No other information noted.

### 10.5 Incompatible materials

Materials to avoid:

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Hazardous decomposition products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.  
Amorphous silica.

## **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).

### 11.1 Information on toxicological effects

#### **Acute Toxicity:**

##### **Oral:**

Product:

Not classified for acute toxicity based on available data.

##### **Dermal:**

Product:

Not classified for acute toxicity based on available data.

##### **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:**



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Product:	No effects expected (assessment based on ingredients).
<b>Germ Cell Mutagenicity:</b>	
<b>In vitro:</b>	
Product:	No effects expected (assessment based on ingredients).
<b>In vivo:</b>	
Product:	No effects expected (assessment based on ingredients).
<b>Carcinogenicity:</b>	No effects expected (assessment based on ingredients). Product: No data available.
<b>Reproductive Toxicity:</b>	
Product:	No effects expected (assessment based on ingredients).
<b>Reproductive Toxicity (Fertility):</b>	
Product:	No data available.
<b>Developmental Toxicity (Teratogenicity):</b>	
Product:	No data available.
<b>Specific Target Organ Toxicity - Single Exposure:</b>	
Product:	No effects expected (assessment based on ingredients).
<b>Specific Target Organ Toxicity - Repeated Exposure:</b>	
Product:	No effects expected (assessment based on ingredients).
<b>Aspiration Hazard:</b>	
Product:	No effects expected (assessment based on ingredients).
<b>Other Adverse Effects:</b>	None known.

## **SECTION 12. Ecological information**

### **12.1 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).

### **12.2 Persistence and degradability**

#### **Biodegradation:**

Product:

Not applicable

#### **BOD/COD Ratio:**

Product:

No data available.

### **12.3 Bioaccumulative potential**

Product:

No data available.

### **12.4 Mobility in soil**

Product:

No data available

### **12.5 Results of PBT and vPvB assessment**

Product:

None Reported

### **12.6 Other adverse effects**

Product:

None known.



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## **SECTION 13. Disposal considerations**

### 13.1 Waste treatment methods

General information:

Disposal methods:

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

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.

## **SECTION 14. Transport information**

### 14.1 UN number

Not dangerous goods

### 14.2 UN proper shipping name

Not dangerous goods

### 14.3 Transport hazard class(es)

Not dangerous goods

### 14.4 Packing group

Not dangerous goods

### 14.5 Environmental hazards

Not dangerous goods

### 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Other information:

No special precautions.

## **SECTION 15. Regulatory information**

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

Water contaminating class (Germany):

WGK 1 slightly water endangering

Classification according VwVwS, Annex 4.

Other regulations:

This mixture is not classified as dangerous according to Directive 1999/45/EC.

This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

### 15.2 Chemical Safety Assessment

Not applicable

## **SECTION 16. Other information**

### **Full text of R-Phrases**

None

### **Full text of H-Statements**

None

### **Full text of other abbreviations**



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No data available.

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