

Safety Data Sheet (1907/2006/EC)

Material: 60067008

GEBOSIL SILICONE NEUTRO UNIVERSALE

Version: 1.3 (GB)

Date of print: 22.04.2010

Date of last alteration: 04.12.2009

1 Identification of the substance/preparation and company

1.1 Name of substance/preparation

Commercial product name: GEBOSIL SILICONE NEUTRO UNIVERSALE

1.2 Use of substance / preparation

Industrial.
Sealants

1.3 Company name

Manufacturer/distributor: G&B FISSGGI SRL
Street/POB-No.: CORSO SAVONA 22
State/postal code/city: 10029 Villastellone (TO)-ITALY
Telephone: +39 011 96 19 433
Telefax: +39 011 96 19 639

Information about the Safety Data Sheet:	Telephone	+39 011 96 19 433
	Telefax	+39 011 96 19 639
	eMail tecnico@gebfissaggi.com	

1.4 Emergency telephone number

Emergency Information
Emergency Information

2 Hazards identification

2.1 Classification

R-Phrase	Description
R-	-

This product is not a dangerous preparation within the meaning of Directive 1999/45/EC.

2.2 Further hazards to man and environment

Product hydrolyses, producing ethanol (CAS no. 64-17-5). Ethanol is highly flammable (F, R11).

3 Composition/information on ingredients

3.1 Chemical characterization (preparation)

Chemical characteristics
Polydimethylsiloxane and auxiliary + crosslinker

3.2 Hazardous ingredients

EC-No.	CAS No.	Material	Content %		Warning Label (EC)	
			from	to	Symbol	R-Phrases
265-148-2	64742-46-7	Distillates, petroleum, hydrotreated middle		<25,0	Xn	65
	128446-60-6	3-Aminopropyl (methyl) silsesquioxanes, ethoxy-terminated		<5,0	Xi	10-36/38
480-370-1	21743-27-1	(N-Morpholinomethyl)triethoxysilane		<5,0		52/53
201-083-8	78-10-4	Tetraethyl silicate		<5,0	Xn	10-20-36/37

Hydrocarbon mixtures were classified in accordance with the applicable notes in Annex VI of Regulation (EC) No. 1272/2008.

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R-Phrase	Description
R65	Harmful: may cause lung damage if swallowed.
R10 R36/38	Flammable. Irritating to eyes and skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R10 R20 R36/37	Flammable. Harmful by inhalation. Irritating to eyes and respiratory system.

4 First-aid measures

4.1 General information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

4.2 After inhalation

Provide fresh air.

4.3 After contact with the skin

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

4.4 After contact with the eyes

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

4.5 After swallowing

Give several small portions of water to drink. Do not induce vomiting.

5 Fire-fighting measures

5.1 Suitable extinguishing media

water mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

5.2 Extinguishing media which must not be used for safety reasons

water spray , water jet .

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Hazardous combustion products: nitrous gases .

5.4 Special protective equipment for fire fighting

Use respiratory protection independent of recirculated air.

6 Accidental release measures

6.1 Personal precautions

Wear personal protection equipment (see section 8).

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Retain contaminated water/extinguishing water.

6.3 Methods for cleaning up

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

6.4 Further information:

Eliminate all sources of ignition.

7 Handling and storage

7.1 Handling

Precautions for safe handling:

No special protective measures required.

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Precautions against fire and explosion:

Product may release ethanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

7.2 Storage

Conditions for storage rooms and vessels:

none known

Advice for storage of incompatible materials:

not applicable

Further information for storage:

Protect against moisture. Keep container tightly closed and store in a cool, well ventilated place.

8 Exposure controls and personal protection equipment

8.1 Exposure limits

Maximum airborne concentrations at the workplace:

not applicable

Maximum airborne concentrations at the workplace:

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
78-10-4	Tetraethyl silicate	OEL	87,0	10,0		

8.2 Exposure limited and controlled

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling. Avoid contact with eyes and skin.

Personal protection equipment

Respiratory protection

In case of long or strong exposure: gas mask filter ABEK .

Hand protection

Protective gloves made of butyl rubber . Gloves suitable for up to 60 minutes' use.

Eye protection

protective goggles .

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

9 Physical and chemical properties

9.1 General information

Physical state / form.....: paste
Colour.....: various
Odour.....: characteristic

9.2 Important information about the protection of health, safety and the environment Method:

Melting point / melting range.....: not applicable
Boiling point / boiling range.....: not applicable
Flash point.....: not applicable
Ignition temperature: > 400 °C
Lower explosion limit (LEL).....: not applicable
Vapour pressure.....: not determined
Density.....: 0,99 g/cm³ at 23 °C (DIN 51757)
Water solubility / miscibility.....: insoluble
pH-Value.....: not applicable

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Viscosity (dynamic).....: not applicable

10 Stability and reactivity

10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid

moisture

10.2 Materials to avoid

Reacts with: water , basic substances and acids . Reaction causes the formation of: ethanol .

10.3 Hazardous decomposition products

ethanol . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

11 Toxicological information

11.0 General information:

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.

11.1 Toxicological tests

Further information:

-

11.2 Experience with man

-

11.3 Further toxicological information

Product(s) of hydrolysis: According to literature, ethanol (67-17-5) irritates the mucous membranes, slightly irritates the skin, degreases the skin, is narcotic and may cause liver damage. Organic solvent(s): According to literature aliphatic hydrocarbons are slightly irritating to the skin and mucuous membranes and have a skin drying and narcotic effect. If the lungs are directly affected (e.g. by aspiration), inflammation of the lungs may occur.

12 Ecological information

12.1 Ecotoxicity

According to past experience toxicity to fish is improbable.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

Do not introduce large amounts into purification plants.

12.2 Mobility

-

12.3 Persistence and degradability

Biodegradation / further information:

Silicone content: Biologically not degradable.

12.4 Bio-accumulation potential

Polymer component: Bioaccumulation is not expected to occur.

12.5 Other harmful effects

none known

12.6 Additional information

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General information:

Prevent material from entering surface waters and soil.

13 Disposal considerations

13.1 Material

Recommendation:

Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.

13.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

13.3 Waste Disposal Legislation Ref.No. (EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

14 Transport information

14.1 Land transport ADR and RID

Road ADR:

Valuation.....: Not regulated for transport

Railway RID:

Valuation.....: Not regulated for transport

14.2 Transport by sea IMDG-Code

Valuation.....: Not regulated for transport

14.3 Air transport ICAO-TI/IATA-DGR

Valuation.....: Not regulated for transport

14.4 Transport/further information

Informing dept. ref. to heading 14. Transport information:

Department Hazardous Materials Service, Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

15 Regulatory information

15.1 Warning Label (EC)

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

Special identification instructions: Safety data sheet available for professional users on request.

15.2 National regulations

National and local regulations must be observed.

SI 2002/1689:	CHIP Regulations 2002
SI 2002/2677:	COSHH Regulations 2002
SI 1999/3242:	Management of Health & Safety at Work Regulations 1999
Health & Safety at Work Act 1974	
SI 1993/1643:	Environmental Protection Act 1993 & Subsidiary Regulations.

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Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

15.3 Other international regulations

Details of international registration status

Listed on or in accordance with the following inventories:

EINECS - Europe

ELINCS - Europe

ECL - Korea

PICCS - Philippines

TSCA - USA

16 Other information

16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -