

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 1 / 8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

1 Product and company identification.

PRODUCT NAME : SILCOLAPSE 140
Use : Anti-foam.
(For further information, refer to the product technical data sheet).

SUPPLIER : Manufacturer :
Name : BLUESTAR SILICONES FRANCE S.A.S.
Address : 21, Avenue Georges Pompidou
F-69486 LYON Cedex 03

Telephone number : +33 (0) 4 72 13 19 00
Telefax number : +33 (0) 4 72 13 19 88

MANUFACTURING SITE
Factory : BLUESTAR SILICONAS ESPAÑA S.A.
Address : Polígono Industrial La Florida
Calle Vic, 3
08130 - STA PERPETUA DE MOGODA
España

Telephone number : +34 93 504 02 00
Telefax number : +34 93 574 16 12
E-mail : Information.FDS@eu.rhodia.com

2 Hazards identification

MOST IMPORTANT HAZARDS

Adverse human health effects

: Slightly irritating to eyes.

Physical and chemical hazards

- Fire or explosion

: NO particular fire or explosion hazard.

Specific hazards

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

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 2/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

3 Composition / information on ingredients

>> PREPARATION

Chemical nature : Non-ionic aqueous emulsion of polymethylsiloxanes.
Components presenting hazards : none.

4 First-aid measures

Inhalation : Not specifically applicable.
Skin contact : Remove all contaminated clothing and footwear. Wash with soap and water.
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.

5 Fire - fighting measures

Extinguishing media
- Suitable : Foam
Powders
Carbon dioxide (CO₂)
Water spray
- Not suitable : Strong water jet.
Specific hazards : Combustible, following the evaporation of water.
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 : Avoid contact with eyes.
Personal protective equipment:
- PVC gloves.
- safety glasses.
Environmental precautions : Do NOT discharge into drains or rivers.
For a large spillage, contain the spillage by bunding.
Methods for cleaning up

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 3/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

-
- | | | |
|----------------------------|---|--|
| - Recovery | : | Collect up the product and place it in a spare container:
- suitably labelled.
- made of plastic.
- with a closing device.
Keep the recovered product for subsequent disposal. |
| - Neutralization | : | Absorb non-recoverable liquid with:
- dry sand or dry inert absorbent. |
| - Cleaning/Decontamination | : | Then wash the floor with plenty of water. |
| - Disposal | : | Dispose of contaminated material at an authorized site. |
-

7 Handling and storage

HANDLING

- | | | |
|----------------------|---|--|
| Technical measures | : | Ventilation. |
| Safe handling advice | : | Comply with instructions for use (refer to technical sheet).
Handle and use in accordance with good occupational hygiene and safety practice. |

STORAGE

- | | | |
|-----------------------|---|--|
| Technical measures | : | Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. |
| Storage conditions | | |
| - Recommended | : | Store:
- in a cool area
- protected from bad weather conditions.
- protected from frost.
- at temperatures not exceeding 25°C. |
| - To be avoided | : | Cannot withstand frost.
The possible development of bacteriological contamination due to prolonged storage and/or storage in a badly cleaned or unclosed container. |
| Incompatible products | : | Refer to the detailed list of incompatible materials (section 10 "Stability/Reactivity"). |
| Packaging | : | - Plastic drums.
- Steel drum varnished with an epoxyphenolic resin. |
| Packaging materials | | |
| - Recommended | : | Plastic materials.
Coated steels. |
| - Not suitable | : | Uncoated metals. |
-

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 4/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

8 Exposure controls / personal protection

Engineering measures	:	Ensure good ventilation of the work station.
Personal protective equipment	:	
- Hand protection	:	Prolonged and/or repeated handling: Protective gloves made of PVC. 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 with side shields.
Collective emergency equipment	:	Eye fountain. Safety shower.
Hygiene measures	:	Use clean and correctly maintained personal protective equipment Do NOT drink, eat or smoke in the workplace.

9 Physical and chemical properties

APPEARANCE

- Physical state	:	Liquid.
- Form	:	slightly viscous.
- Colour	:	white. milky.
Odour	:	weak.
pH	:	Approx. 7 (Product as is).
Specific temperatures	:	
- Congealing	:	0°C (Initial solidification).
- Boiling	:	100°C.
Flammability characteristics	:	
- Flash point	:	Not applicable (aqueous liquid).
Oxidizing properties	:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)
Explosion properties	:	
Explosive limits in air	:	Not applicable.
Specific gravity	:	Approx. 990 kg/m ³ at 25°C.
Solubility	:	
- in water	:	Dispersible.
- in organic solvents	:	Insoluble in: - common organic solvents.
Dynamic viscosity	:	approx. 100 mPa.s at 25°C.

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 5/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

10 Stability and reactivity

- Stability : Stable at room temperature.
- Hazardous reactions
- Materials to avoid : Reacts with substances which are incompatible with water.
 - Hazardous decomposition products : On contact with hot metallic surfaces, at temperatures of above 120° C, releases: irritating vapours. (Formic acid).
On combustion or on thermal decomposition (following the evaporation of water) releases:
(Carbon oxides (CO + CO₂)).
amorphous silica
-

11 Toxicological information

- Acute toxicity : Not classified as harmful by inhalation
(by calculation according to the conventional method)
Not classified as harmful by contact with skin
(by calculation according to the conventional method)
POLYDIMETHYLSILOXANES:
LD 50 skin (Rat): >2000 mg/kg.
Not classified as harmful if swallowed
(by calculation according to the conventional method)
POLYDIMETHYLSILOXANES :
LD 50 oral (Rat): > 5000 mg/kg.
(Unpublished reports)
- Local effects : Not classified as irritating to skin and eyes
(by calculation according to the conventional method)
May cause slight temporary irritation to ocular mucous membranes.
- Sensitisation : Not classified as sensitising by skin contact
(by calculation according to the conventional method)
-

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 6/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

12 Ecological information

MOBILITY

Expected behaviour of the product : According to the data on the components
Ultimate destination of the product : WATER and SEDIMENT.

BIODEGRADABILITY

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

BIOACCUMULATION

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

ECOTOXICITY

Effects on the aquatic environment : EC 50 (Marine algae: Skeletonema costatum) / 72 h: 234 mg/l.
(Biomass)
(Results obtained on a similar product).
(Unpublished internal reports)
NOT considered to be :
Harmful to aquatic organisms.

Further information : Not classified as Dangerous for the Environment, according to
EC criteria.

13 Disposal considerations

RESIDUES FROM PRODUCT

Prohibition : Discharging waste into rivers and drains is forbidden.

Destruction/Disposal : Dispose of at a licensed waste collection point.

CONTAMINATED PACKAGING

Decontamination/cleaning : Allow it to drain thoroughly.
Rinse with water.

Destruction/Disposal : Entrust the thoroughly decontaminated packaging to a licensed
waste-contractor.

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

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 7/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

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**

- Identification of the hazardous product : Not applicable.

- R phrases : No R phrases.

- S phrases : No S phrases.

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

Uses

- Prohibited uses : This product is only intended for industrial use.

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

SAFETY DATA SHEET

SILCOLAPSE 140

Page: 8/8

Date/Revision: 19/10/2009

Version: 1

Cancels and replaces version:

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.