

SAFETY DATA SHEET

RHODORSIL ELASTOMER MF 775 E CR

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Date/Revision: 26/07/2007

Version: 3 UK

Cancels and replaces version: 2.00 UK

1 Product and company identification.

PRODUCT NAME : RHODORSIL ELASTOMER MF 775 E CR
Use : Wiring/cabling, extrusion, moulding, calendering of different goods.
SUPPLIER : Manufacturer :
Name : BLUESTAR SILICONES UK Ltd [*]
Address : Wolfe Mead, Farnham Road
Bordon, Hants GU35 0NH
United Kingdom
Telephone number : +44 (0) 1420 60 60 00
Telefax number : +44 (0) 1420 60 60 60
E-mail : Information.FDS@eu.rhodia.com
EMERGENCY TELEPHONE : **00 44 1865 407 333 (UK : 01865 407 333)**
NUMBER

2 Hazards identification

MOST IMPORTANT HAZARDS
Adverse human health effects : May cause irritation to eyes due to the presence of a foreign body.
Physical and chemical hazards
- Fire or explosion : During vulcanisation, explosive vapour/air mixtures may be formed.
Specific hazards : According to EC criteria, this product is not classified as a "hazardous preparation".

3 Composition / information on ingredients

>> PREPARATION

Chemical nature : Polyorganosiloxanes+silica. [*]
Components contributing to the hazard : None. [*]
Components presenting hazards : Peroxide, bis(2,4-dichlorobenzoyl) (CAS : 133-14-2) : < 2 % -
Self-classification : O; R7 - Xi; R36/37/38 - EC N° :205-094-9
[*]

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4 First-aid measures

- Inhalation : Move the person away from the contaminated area. Make the affected person rest. If necessary seek medical advice. Show this sheet to the doctor. [*]
- 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. [*]
- Further information : Place contaminated clothing in a sealed bag for disposal. Use appropriate protective equipment when treating a contaminated person. [*]
-

5 Fire - fighting measures

- Extinguishing media
- Suitable : Foam
Powders
Carbon dioxide (CO₂)
Water spray
- Not suitable : None. If there is a fire close by, use suitable extinguishing agents.
- Specific hazards : Combustible under specific conditions.
On heating or during combustion:
Toxic and highly flammable gases are released (explosion hazard).
Toxic and flammable vapours are released (explosion hazard).
Hazardous dust (silica) is released.
- Specific fire fighting methods : Cool down the containers/equipment exposed to heat with a water spray.
- Protection of fire-fighters : Self-contained breathing apparatus.
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6 Accidental release measures

- Personal precautions : For further information refer to section 8 "Exposure-controls/personal protection".
- Environmental precautions : This product does not present any particular risk for the environment.
- Methods for cleaning up
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- | | | |
|----------------------------|---|--|
| - Recovery | : | Recover the product by vacuuming/shovelling or sweeping. Keep the recovered product for subsequent disposal. |
| - Cleaning/Decontamination | : | If necessary, wash with water following recovery. |
| - Disposal | : | For disposal of solid materials refer to section 13 "Disposal considerations". |
-

7 Handling and storage

HANDLING

- | | | |
|----------------------|---|--|
| Technical measures | : | During post-vulcanisation/post-curing :
Vapour extraction.
Material and equipment suitable for use under explosive conditions. |
| Safe handling advice | : | Comply with instructions for use (refer to technical sheet). |

STORAGE

- | | | |
|-----------------------|---|---|
| Technical measures | : | Does not require any specific or particular technical measures. |
| Storage conditions | : | |
| - Recommended | : | Stable under normal storage conditions. |
| Incompatible products | : | Strong oxidizing agents. |
| Packaging | : | - Plastic film (outer packaging - cardboard box). |
| Packaging materials | : | |
| - Recommended | : | Plastic coated materials.
Plastic materials. |
| - Not suitable | : | None, to our knowledge. |
-

8 Exposure controls / personal protection

- | | | |
|-------------------------------|---|---|
| Engineering measures | : | No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
(apart from the vulcanization/post-curing phase). |
| Control parameters | : | |
| Occupational exposure limits | : | |
| - Limits (UK) | : | No specific limits. |
| Personal protective equipment | : | |
| - Respiratory protection | : | If there is insufficient ventilation during the vulcanisation/post-vulcanisation phase, wear a respiratory protective device. |
| - Eye protection | : | Safety spectacles. |
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9 Physical and chemical properties

APPEARANCE

- Physical state : Pasty solid.
- Odour : none.
- pH : Not applicable (insoluble product) **[*]**
- Specific temperatures
- Flammability characteristics
 - Flash point : Not applicable.
 - Auto-ignition temperature : > 400°C (Spontaneous ignition temperature).
- Oxidizing properties : Not considered as oxidizing.(Expert statement) **[*]**
- Vapour pressure : < 0.01 kPa, at 20°C.
- Solubility
 - in water : Practically insoluble.
 - in organic solvents : Insoluble in:
 - acetone
 - alcohol (ethanol)Dispersible (partial solubilisation) in:
 - diethylether
 - petrol.
 - white-spirit.
 - aromatic hydrocarbons (toluene, xylene).
 - chlorinated solvents.

10 Stability and reactivity

- Stability : Stable at room temperature.
- Hazardous reactions
 - Conditions to avoid : No dangerous reactions known under normal conditions of use.
 - Materials to avoid : Reacts with:
 - strong oxidizing agents.
 - Hazardous decomposition products : At moderate temperatures, releases:
 - toxic vapours.
 - (Formaldehyde and dichlorobenzene).
 - On combustion or on thermal decomposition (pyrolysis) releases:
 - highly flammable gases which generate fire or explosion hazards
 - flammable vapours which may generate fire or explosion hazards
 - toxic gases.
 - (Carbon oxides (CO + CO2)).
 - hazardous dusts.
 - (Metal oxides).
 - amorphous silica **[*]**

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11 Toxicological information

Acute toxicity	:	[*] Not classified as harmful by inhalation Not classified as harmful by contact with skin Not classified as harmful if swallowed (by calculation according to the conventional method) (internal evaluation)
Local effects	:	[*] Not classified as irritating to skin and eyes (by calculation according to the conventional method) (internal evaluation)
Sensitisation	:	[*] Not classified as sensitising by skin contact (by calculation according to the conventional method) (internal evaluation)
Specific effects	:	
- Mutagenicity	:	Data available only for some components [*] No genotoxic potential was observed in tests performed on the components of the preparation. [*]

12 Ecological information

MOBILITY

Expected behaviour of the product : Ultimate destination of the product : SOIL and SEDIMENT. **[*]**

BIODEGRADABILITY

- Ultimate aerobic biodegradability : Silicone component : By analogy with Polydimethylsiloxanes : Not biodegradable. (Published data). **[*]**
Treated silica : Not biodegradable. (Unpublished reports) **[*]**

BIOACCUMULATION

Bioconcentration factor. : Silicone component : By analogy with Polydimethylsiloxanes : Not bioaccumulable. (Published data). **[*]**
Treated silica : No information available. **[*]**

ECOTOXICITY

Effects on the aquatic environment : According to the data on the components: NOT considered to be :Harmful to aquatic organisms. (internal evaluation) **[*]** :Further information : Not classified as Dangerous for the Environment, according to EC criteria. (by calculation according to the conventional method) **[*]**

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13 Disposal considerations

RESIDUES FROM PRODUCT

Destruction/Disposal : Un-vulcanized product:
Dilute with a flammable solvent and incinerate at a licensed installation.
Vulcanized product:
Dispose of at a licensed waste collection point.
May be incinerated with non hazardous industrial waste.

CONTAMINATED PACKAGING

Decontamination/cleaning : Cleaning is not required prior to disposal.
Destruction/Disposal : Incinerate plastic films at a licensed installation.
Entrust the cardboard packaging to a licensed waste-contractor.

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

14 Transport information

INTERNATIONAL REGULATIONS

Land

- Rail/road (RID/ADR) : NOT restricted.
Sea (IMO/IMDG) : NOT restricted.
Air (ICAO-IATA) : NOT restricted.

OTHER REGULATIONS

- United Kingdom: Rail/road : NOT restricted.

NOTE : The above regulatory prescriptions are those valid on the date of publication of this sheet.
However, given the possible evolution of transport regulations for hazardous materials and in the event of the SDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

15 Regulatory information

LABELLING

EC regulations : Mandatory labelling of preparations not classified as hazardous :
APPLICABLE [*]
- Identification of the hazardous product : Not applicable. [*]
- R phrases : No R phrases. [*]

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- S phrases	:	No S phrases. [*]
- Additional phrases	:	Safety Data Sheet available on request for professional users [*]
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

R Phrases of § 2 & 3	:	R 7: May cause fire. [*] R 36/37/38: Irritating to eyes, respiratory system and skin. [*]
* Update	:	This sheet was updated (refer to the date at the top of this page). Subheadings and text which have been modified since the previous version are indicated with an asterisk (*).

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.