

## Safety Data Sheet

**Product:** Bluesil™ EXTRASOFT C845

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Effective Date: 3/8/2011

Version: 5.00

Cancels and replaces previous version. 4 UK

### 1 Product and company identification.

**PRODUCT NAME:** Bluesil™ EXTRASOFT C845**Use:** Textile industry.  
(For further information, refer to the product technical data sheet).**SUPPLIER****Name:** Bluestar Silicones Shanghai Co., Ltd.**Address:** 3966 Jin Du Road  
Xinzhuang Industrial Zone  
Shanghai, 201108  
CHINA**Telephone number:** 86 21 5442 6600**Telefax number:** 86 21 5442 3733**MANUFACTURING SITE****Factory:** Bluestar New Chemical Materials Shareholding Co.,LTD**Address:** JiangXi XingHuo Organic silicone Plant  
Xinghuo Organic silicone Plant, YongXiu County,  
JiangXi Province 330319  
CHINA**Telephone number:** +86 792 3171403

### 2 Hazards identification

**GHS CLASSIFICATION & LABELING****Hazard Class and Category :** Skin Irritation, Category 2

Eye Irritation Category 2A

**Signal word:** Warning**Symbol :****Hazard Statement:**  
- Causes skin irritation  
- Causes serious eye irritation**Precautionary Statement Prevention:**  
- Wash thoroughly skin and eyes / after handling.  
- Wear protective gloves/protective clothing/eye protection/face protection  
- IF ON SKIN: Wash with plenty of soap and water.**Response:**  
- Specific treatment (see the first aid instruction on this label)  
- If skin irritation occurs: Get medical advice/attention  
- Take off contaminated clothing and wash before reuse  
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
- Get medical advice/attention**Storage:** None**Disposal:** None

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### 3 Composition / information on ingredients

**>> SUBSTANCE**

Common chemical nature: Alpha, omega-trimethyl poly di-Me,  
Me[3-(2-aminoethyl)aminopropyl]siloxane

CAS number

Ingredients contributing to the hazard: 71750-79-3

Hazardous impurities: None

None

**>>Further information:**

nitrogen content: env. 0.4 % .

### 4 First-aid measures

Inhalation:

Move to the fresh air.

Skin contact:

Wipe off as much as possible (using a clean, soft, absorbent material).  
Wash immediately with plenty of soap and water.

Eye contact:

Immediately rinse with water for a prolonged period whilst keeping the  
eyes wide open.

If irritation persists, consult an eye specialist.

Ingestion:

If necessary seek medical advice.

### 5 Fire - fighting measures

Extinguishing media

- Suitable:

Foam

Powders

Carbon dioxide (CO<sub>2</sub>)

- Not suitable:

Strong water jet.

Specific hazards:

Combustible liquid.

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:

Personal protective equipment:

Safety spectacles.

Stop the leak. Turn leaking containers leak-side up to prevent the  
escape of liquid.

Environmental precautions:

For a large spillage, contain the spillage by bunding.

Do NOT discharge into drains or rivers.

Methods for cleaning up

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|                             |  |
|-----------------------------|--|
| - Recovery:                 | Collect up the product and place it in a spare container:<br>-suitably labelled.<br>-with a closing device.<br>Keep the recovered product for subsequent disposal. |
| - Neutralization:           | Absorb non-recoverable liquid with:<br>- dry sand or dry inert absorbent.  |
| - Cleaning/Decontamination: | Decontaminate and wash the floor with an appropriate self-emulsifying solvent.<br>Then wash with plenty of water.  |
| - Disposal:                 | Incinerate contaminated materials at an authorized installation.   |

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### 7 Handling and storage

#### HANDLING

Technical measures:

Does not require any specific or particular measures.

Measures:

Avoid forming aerosols.

Avoid the formation of mists in the atmosphere.

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:

Stable under normal storage conditions.

Incompatible products:

Refer to the detailed list of incompatible materials (section 10 "Stability/Reactivity").

Packaging:

- Steel drum varnished with an epoxyphenolic resin.
- Plastic drums.

Packaging materials:

- Recommended:

Coated steels.  
Plastic materials.

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### 8 Exposure controls / personal protection

Engineering measures:

Ensure good ventilation of the work station

Control parameters

Occupational exposure limits

- Limits (UK)

No specific limits.

Personal protective equipment

- Hand protection

Appropriate gloves.

- Eye protection:

Safety spectacles.

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|                                 |                                 |
|---------------------------------|---------------------------------|
| Collective emergency equipment: | Safety shower.<br>Eye fountain. |
|---------------------------------|---------------------------------|

### 9 Physical and chemical properties

#### APPEARANCE

|                               |  |
|-------------------------------|--|
| - Physical state:             | Liquid   |
| - Form:                       | viscous  |
| - Color:                      | colourless   |
| - Odor:                       | slight amine   |
| pH:                           | Not applicable   |
| Specific temperatures:        |  |
| Flammability characteristics: |  |
| - Flash point:                | >200°C (Closed cup, according to method AFNOR T 601 03). |
| Oxidizing properties:         | Non oxidizing material according to EC criteria.         |

|                        |   |
|------------------------|---|
| Specific gravity:      |   |
| Solubility:            | Approx. 972 kg/m3 at 25°C.  |
| - in water:            |   |
| - in organic solvents: | Very slightly soluble.<br>Very slightly soluble in:<br>- acetone<br>- alcohol (ethanol)<br>Miscible (in all proportions) with:<br>- ethers.<br>- Aliphatic hydrocarbons.<br>- aromatic hydrocarbons (toluene, xylene).<br>- chlorinated solvents. |
| Kinematic viscosity    | approx. 4 500 mPa.s at 25°C.  |

### 10 Stability and reactivity.

|                                    |   |
|------------------------------------|---|
| Stability:                         | Stable at ambient temperature and under normal conditions of use.   |
| Hazardous reactions:               |   |
| - Conditions to avoid:             | No dangerous reactions known under normal conditions of use.  |
| - Materials to avoid:              | No dangerous reaction known with common products.<br>Reacts with:<br>- strong oxidizing agents.                                   |
| -Hazardous decomposition products: | On combustion or on thermal decomposition (pyrolysis) releases:<br>(Carbon oxides (CO + CO2)).<br>(Nitrogen oxides).<br>(Silica). |

### 11 Toxicological information

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Acute toxicity:  
Local effectsNo information available.  
No information available.

No data available, however by analogy, this product is considered to be irritating to the eyes.

### 12 Ecological information

Behaviour in the environment

Persistence/Degradability:

Very slightly biodegradable.

Bioaccumulation:

Not bioaccumulable.

Destination of the product:

Ultimate destination of the product : SOIL and SEDIMENT.

Ecotoxicity

- Effects on the aquatic environment

No information available.

### 13 Disposal considerations

RESIDUES FROM  
PRODUCT

Prohibition:

Discharging waste into rivers and drains is forbidden.

Destruction/Disposal:

Decant contaminated water prior to disposal.  
Dilute with a flammable solvent and incinerate at a licensed installation.

CONTAMINATED PACKAGING

Decontamination/cleaning:

Rinse with an appropriate solvent.  
Recover the solvent used for rinsing and incinerate at a licensed site.  
Allow it to drain thoroughly.

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.

### 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 the Bluestar silicone commercial agency.

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### 15 Regulatory Information

Safety, Health and environment regulations and legislation specific to this substance or mixture:

National Regulations :

On Prevention of Environmental Pollution Caused by Solid Waste

Chemical Safety :

NA

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:

WARNING :

Do not use this product in the form of a spray.

This product is only intended for industrial use.

H&amp;P Phrases:

Refer to § 2 &amp; 3.

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.