



# MATERIALS SAFETY DATASHEET : SCS colours

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## 1- MANUFACTURER : COMPAGNY – PRODUCT IDENTIFICATION

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### PRODUCT IDENTIFICATION :

BRAIDED GLASS FIBRE COATED WITH SILICONE RUBBER

## 2- COMPOSITION – INFORMATION ON CONSTITUENT PARTS

### COMPOSITION :

**PART 1 :** E Glass (60% - 70%)  
E Glass is a boro-silico-alumino-calcic glass with a low alkaline content.  
Its composition (expressed in oxides) is within the following limits :  
SiO<sub>2</sub>..... 52 – 62 %  
Alkaline oxides (Na<sub>2</sub>O, K<sub>2</sub>O)..... < 2%  
Alkine terrous oxides (CaO, Mgo, ...)..... 16 – 30%  
B<sub>2</sub>O<sub>3</sub>..... 0 – 10 %  
Al<sub>2</sub>O<sub>3</sub>..... 11 – 16 %  
TiO<sub>2</sub>..... 0 – 3 %  
Fe<sub>2</sub>O<sub>3</sub> ..... 0 – 1 %  
Fe<sub>2</sub> ..... 0 – 2 %

**PART 2: Coating** Solid silicone rubber

**PART 3: Color** Red brick (standard), black, white, brown, blue, natural, red light, ...

**HAZARDOUS INGREDIENTS** No hazardous ingredients

## 3- HAZARDS IDENTIFICATION

Not hazardous according to Council Directive 88/379 EEC and its subsequent amendments.

It's important to remember that the fibres are not breathable fibres (i.e. they do not penetrate the lowers lungs). This is because their diameter is over 3µm (the diameter of most strands exceeds 10µm). Even after manipulation the length of the finest dust is significantly longer than 5 µm and the length/diameter ratio is greater than 3. These are the normal values used to define breathable fibres.

## 4- FIRST AID

**INHALATION :** Remove from the scene of exposure. Make breath of the fresh air.  
**SKIN CONTACT :** Wash copiously with lukewarm soapy water. Do not rub excessively.  
**EYE CONTACT :** Flush in running water (for at least 10 minutes).  
**ALLERGY :** Remove from scene of exposure.



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## 5- FIRE FIGHTING MEASURES

Glass fibres are not flammable, are incombustible and don't support combustion. This finish product is self extinguishable.

**SUITABLE EXTINGUISHING MEDIA** : Carbon dioxide, foam, dry powder or fine water spray.

**HAZARDOUS COMBUSTION PRODUCTS** : Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde

**FIRE** : use an insulating respiratory system.

## 6- ACCIDENTAL SPILLAGE

**ENVIRONMENTAL PROTECTION** :

Insulating sleeving is a solid product. Wastes have to be evacuate by respecting national regulations.

**CLEANING METHOD** :

The product we made could be pick up with hands. Before, be sure that the product wasn't in touch with dangerous goods during the transportation.

## 7- HANDLING AND STORAGE

**HANDLING** : Sensitive people should avoid prolonged skin contact. Wear a working cloth, protection glasses and a mask against dust.

**STORAGE CONDITIONS** : Store away from water, humidity and strong oxidizing agent.

## 8- EXPOSURE CONTROL – PERSONNAL PROTECTION

**HYGIENE MEASURES** : Exercise good industrial hygiene practise. Wash after handling, especially before eating, drinking or smoking.

We recommend the use of barrier cream, gloves, long sleeves by all people with delicate skin.

## 9- PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE** : Solid.

**FORM** : Braided glass fibre coated with silicone rubber

**COLOUR** : Brick red (standard), black, white, brown, blue, natural, red light, ...

**ODOUR** : None

## 10- STABILITY AND REACTIVITY

**STABILITY** : Stable in normal use and storage conditions, and in normally foreseeable usage conditions

**HAZARDOUS REACTIONS** : Oxidizing agent

**HAZARDOUS DECOMPOSITION PRODUCTS** :

In continuous combustion conditions, in addition to water vapour and CO<sub>2</sub>, small quantities of CO and NO<sub>x</sub> may be released by the combustion of the size and/or the binder.



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## 11- TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY :</b>	Not relevant.
<b>LOCALISED EFFECTS :</b>	Possible temporary irritations.
<b>SENSITISATION :</b>	Rare possibilities of allergies.

## 12- ECO-TOXICOLOGICAL INFORMATION

E GLASS is not biodegradable. Glass fibres and sizing products were not listed as products likely to destroy the ozone layer by the 1987 Montreal Protocol (Class 1 or Class 2). These lists are included in EC Regulation n°3093/94 and in section VI of amendments to the "Clean Air Act" by the American Environmental Agency (EPA).

## 13- WASTE DISPOSAL

<b>PRODUCT DISPOSAL :</b>	Dispose of in accordance with local regulations
<b>PACKAGING DISPOSAL :</b>	Dispose of in accordance with local regulations

## 14- TRANSPORT

The product is not considered as hazardous by transportation regulations and transportations do not require special procedures.

## 15- REGULATORY INFORMATION

### **LABELLING ACCORDING TO EEC DIRECTIVE :**

No special packaging or labelling requirements.

<b>RoHS :</b>	Products of the 2002/95/EC directive are not deliberately introduced in the manufacturing process with higher levels than the directive imposes.
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## 16- OTHER INFORMATION

This data sheet is an addition to the product specification sheet and other technical documents issued by FAVIER TPL, but does not replace them. The information given in this document is based on our current knowledge of the products on the date shown. It is given in good faith.

Furthermore, users' attention is drawn to the possible risks run when the product is used for any purpose other than the one for which it was designed.

This file does not exempt users from knowing and applying the rules regulating their activities. Users assume full responsibility for applying the appropriate safety measures when the product is used.

**For any further information, users should contact : FAVIER TPL.**