

# MATERIAL SAFETY DATA SHEET

Presented and described in accordance with  
Directive 2001/58/EC of July 27<sup>th</sup>, 2001 (OJ L 212 of August 7<sup>th</sup>, 2001)

## 1 PRODUCT AND COMPANY IDENTIFICATION

Product name : FEUTRE MOULAGE AUTOMOBILE

Type of application : Base for moulding of car or lorry parts

*Manufacturer, supplier*

SAINT GOBAIN ISOVER

1 rue Gardénat Lapostol

92282 Suresnes Cedex

Tel : 01 40 99 24 00

Fax : 01 40 99 24 47

## 2 COMPOSITION / INFORMATION on INGREDIENTS

SUBSTANCE	European Index number	Amount weight %	Classification & Labelling (Directive 67/548/CEE)	Exposure limit value (TLV)
Glass fibre	650-016-00-2	89 to 91	Xi ; R38 (1) ; R40 exonerated	1,0 fibre/m <sup>3</sup> (2)
Thermopolymer phenol-urea-formaldehyde polycondensed		8.5 to 11.5	Not regulated	

(1) Directive 97/69/EC of Dec, 5th, 1997, published in the Official Journal of the European Communities of Dec , 13th, 1997

(2) Threshold limit value in France. Circular DRT N°95/4 of January 12<sup>th</sup>, 1995, which modifies and completes the modified circular of July 17<sup>th</sup>, 1982 relating to limit values allowed for concentration of some dangerous substances in the atmosphere of working places (not published with the Official Journal”).

### COMPONENTS

SiO<sub>2</sub> (silicate), CaO, MgO, Na<sub>2</sub>O, K<sub>2</sub>O, Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, B<sub>2</sub>O<sub>3</sub>

CaO+ MgO+Na<sub>2</sub>O+K<sub>2</sub>O+BaO > 18%

### Ingredients contributing to the hazard

**Facing:** NT polyester or polypropylene

## 3 HAZARDS IDENTIFICATION

**Most important hazards:** fibres contained in this product have a low biopersistence (weight clearance half life of fibres, with lengths greater than 20µm, after inhalation, less than 10 days or after intracheal instillation, less than 40 days).

So, classification as a carcinogen need not apply, in accordance with the directive 97/69/EC.

Classified R38 “skin irritant” in accordance with the directive 97/69/EC, for the transient, mechanical effect on skin. (See also section 15).

**Specific hazards:** Not applicable.

## 4 FIRST AID MEASURES

Information according to the different exposure route :

<i>Inhalation:</i> remove from exposure. Rinse the throat and blow nose to clear dust
<i>Skin contact:</i> wash gently with warm water and soap. In case of allergy, consult a doctor.
<i>Eye contact:</i> Rinse abundantly with copious quantities of water for at least 15 minutes. If irritant persists, consult a doctor
<i>Ingestion:</i> Not relevant.
<b>5 FIRE FIGHTING MEASURES</b>
<i>Suitable extinguishing media :</i> water, spayed water, foam, CO <sub>2</sub>
<i>Extinguishing media which must not be used :</i> none
<i>Special exposure hazards:</i> no special risks.
<i>Special protective equipment:</i> no special equipment
<b>6 ACCIDENTAL RELEASE MEASURES</b>
<i>Personal precautions:</i> in case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.
<i>Environnemental protection:</i> not relevant.
<i>Methods for cleaning up:</i> Vacuum cleaner.
<b>7 HANDLING and STORAGE</b>
<b>HANDLING</b> <i>Technical measures :</i> no specific measures <i>Precautions:</i> no specific precaution <i>Safe handling advice:</i> no specific advice
<b>STORAGE</b> <i>Technical measures:</i> no specific measures <i>Suitable storage condition:</i> under cover and heat between 5°C and 30°C <i>Incompatible materials:</i> none <i>Packaging material:</i> delivered packed in polyethylene
<i>Utilisation:</i> <ul style="list-style-type: none"> <li>- within 45 days after fabrication</li> <li>- by cold weather or after a short period of frost, use AFTER a storage of at least 4 hours at a heat of about 15°C</li> </ul>
<b>8 EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
<i>Exposure Limit Value:</i> None at European level – 1.0 f/ml in France.
<i>Exposure controls</i> <i>Occupational exposure controls:</i> for cutting, use a knife rather than a saw. <i>Respiratory protection:</i> wearing a face mask type P1 is recommended when using products in confined atmosphere or during operations which can produce emission of dust (e.g more than 5 mg/Nm <sup>3</sup> ). Fresh –air mask should be used if there is no ventilation and personal presence is necessary when products are heated approximately 175°C for the first time <i>Hand protection:</i> gloves to avoid itching <i>Eye protection:</i> Glasses especially if working above shoulders <i>Skin protection:</i> Full clothes with closed sleeves to avoid itching <i>Hygiene measures:</i> after a protracted contact, wash hands with water and soap.
<i>Environmental Exposure Controls</i> No specific control

## 9 PHYSICAL and CHEMICAL PROPERTIES

### GENERAL INFORMATION

*Physical state* : solid  
*Form* : natural wool with homogeneous texture in form of rolls  
*Colour*: white  
*Odour*: not relevant  
*Density*: 400 to 1200 g/m<sup>3</sup> depending of references

### IMPORTANT INFORMATION RELATED TO HEALTH, SAFETY & ENVIRONMENT

*pH*: not applicable  
*Boiling point*: not relevant  
*Flash point*: not relevant  
*Vapour pressure* : not relevant  
*Viscosity*: not relevant  
*Vapour density*: not relevant  
*Evaporation*: not relevant

*Flammability*: none  
*Explosive properties*: none  
*Oxidising properties*: none  
*Water solubility*: none  
*Fat solubility*: none

### OTHER INFORMATION

*Temperature of devritification*: about 1000°C  
*Approximate nominal diameter of fibres*: 3 to 5 µm  
*Length weight geometric mean diameter less 2 standard errors (1)* < 6 µm  
*Orientation of fibres*: random  
(1) see note R of directive 97/69/EC

## 10 STABILITY and REACTIVITY

*Stability*: not stable product. Must be used within fortnight after production. By cold weather or after frost of short duration, use a pre-storage at a heat above 15°C during 4 hours

*Conditions to avoid*: none if stored in normal condition – under cover & ambient temperature.

*Materials to avoid* : none in normal condition of use

*Hazardous decomposition products* : none in normal condition of use

## 11 TOXICOLOGICAL INFORMATION

*Acute toxicity*: not relevant.

*Chronic toxicity*: fibres for which carcinogenic classification does not need to apply, in accordance with the directive 97/69/EC. Weighted clearance half life of fibres, with length greater than 20µm. After inhalation, is less than 10 days, or after intracheal instillation, is less than 40 days (result obtained with a test in a protocol similar to the European one).

### Local effects

*Inhalation*: no specific effect

*Skin contact*: short lived itching or red spots which usually disappear after a few days. Exceptionally allergy. Fibres classified R38 “skin irritant” in accordance with European directive 97/69/EC but they are not skin irritant based on the method B4 from European directive 67/548/EEC.

*Eye contact*: short lived itching or inflammation

*Ingestion*: may cause itching of the upper aerodigestive canal

## 12 ECOLOGICAL INFORMATION

*Ecotoxicity* : none

*Mobility*: none.

*Persistence and degradability*: this product is stable. Results of lixiviation test can requested to the producer.

*Bioaccumulative potential:* not relevant  
*Other adverse effects:* none

### 13 DISPOSAL CONSIDERATIONS

Waste from residues: dispose of in accordance with regulations and procedures in force. Classified in category 170604 in France (European Waste Catalogue – Commission decision of 16 January 2001, OJ L 47 of 16 February 2001, p 26 and circular of 30 October 2002 from the French Ministry of Ecology and Sustainable Development).

*Contaminated packaging:* Dispose of in accordance with regulations and procedures in force.

*Recycling :* can be recycled or put in landfill

Eventually contact the manufacturer

### 14 TRANSPORT INFORMATION

*International regulations :* no specific regulations

### 15 REGULATORY INFORMATION

European directive 97/69/EC, adapting to technical progress for the 23d time Council Directive 67/548/EC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances, classifies mineral wools.

Mineral wool (vitreous silicate fibres with random orientation, which weighted percentage of alkali oxides and earth-alkali oxides ( $\text{CaO} + \text{MgO} + \text{Na}_2\text{O} + \text{K}_2\text{O} + \text{BaO} > 18\%$ ) are classified:

- Possibly carcinogenic category 3: “alarming substances for the man because of possible carcinogenic effects. Nevertheless, available information on the topic does not permit a satisfactory assessment. Suitable studies on animals have given elements but they are not sufficient enough to classify these substances into category 2.
- Skin irritant (R38)

Nevertheless, classification as carcinogenic does not apply if:

- a short-term biopersistence test by inhalation has shown that fibres longer than 20µm have a weight half life less than 10 days, or
- a short-term biopersistence test intracheal instillation has shown fibres longer than 20 µm have a weighted half life less than 40 days, or
- an appropriate intra-peritoneal test has shown no evidence of excess carcinogenicity, or
- a suitable long term inhalation test has shown absence of relevant pathogenicity or neoplastic changes.

See chapter 3.

### 16 OTHER INFORMATION

This Material Safety Datasheet has been made by the manufacturer on a voluntary basis, even if the concerned product is not a substances or a preparation.

Person who wish to obtain more detailed information ca contact the producer (address on the first page of this sheet).

Information given in this data sheet on the state of our knowledge regarding this material as of 11/04/2005. It is given in good faith.

The attention of users is drawn to possible risks taken when the product is used for other application than the ones it has been designed for.