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E09/06 a du 06/04/2010

### PROCES-VERBAL DE CLASSEMENT DE REACTION AU FEU D'UN MATERIAU

Valable 5 ans à compter du 3 novembre 2011

Selon l'arrêté du 21 novembre 2002 relatif à la réaction au feu des produits de construction et d'aménagement  
Laboratoire agréé du Ministère de l'Intérieur (arrêté du 23/03/2010 modifiant l'arrêté du 05/02/1959 modifié)

Procès-verbal n° 1303/01/279 A

Et annexe de 4 pages

**Matériau présenté par :** CEPRO  
87 rue Nationale  
59000 LILLE  
France

**Référence commerciale :** Toile OLYMPUS

**Description sommaire :** Toile composée de fibres de silicium filament (1200 g/m<sup>2</sup>). Chaque face de la toile est enduite de vermiculite (10 g/m<sup>2</sup>).  
Epaisseur nominale totale : 1,3 mm  
Masse surfacique nominale : 1220 g/m<sup>2</sup>.  
Coloris présenté : Or

**Nature de l'essai :** NF P 92-503 - Essai au brûleur électrique  
NF EN ISO 1716 - Détermination de la chaleur de combustion

**Référence du rapport d'essai :** RE 3M 1303/01/279 A du 03/11/2011  
RE 1E 1303/01/279 A du 03/11/2011

**Classement :**

**MO**

**Durabilité du classement :** Non limitée a priori.

Compte tenu des critères résultants des essais décrits dans le rapport annexé.

Ce procès verbal atteste uniquement des caractéristiques de l'échantillon soumis aux essais et ne préjuge pas des caractéristiques de produits similaires. Il ne constitue donc pas une certification de produits au sens de l'article L. 115-27 du code de la consommation et de la loi du 3 juin 1994.

« Valable pour toute application pour laquelle le produit n'est pas soumis au marquage CE »

Pour ordre, suppléant du Directeur  
Technique du laboratoire, Franck POUTCH

Stéphane BOISSEL

A Bruay-la-Buissière, 03/11/2011  
Le Responsable de la classification

Laurent PANKEWITCH

Nota. - Sont seules autorisées les reproductions intégrales et par photocopie du présent procès-verbal de classement  
ou de l'ensemble procès-verbal de classement et rapport d'essais annexé.

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## OLYMPUS WELDING BLANKET



### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

<b>Product description</b>	Silica fibre material		
<b>Manufacturer / Supplier</b>	<b>Cepro International BV</b> P.O. Box 183 5120 AD Rijen The Netherlands	<b>Date of issue</b>	June 2010
	Tel. no. for information / emergency	+31 (0)161 22 64 72	
	Fax no. for information / emergency	+31 (0)161 22 49 73	

### 2. HAZARD INFORMATION

<b>Physico-chemical hazards:</b>	No particular hazards known.
<b>Human health dangers:</b>	See chapter 11.
<b>Environmental hazards:</b>	No particular hazards known.
<b>Other hazards:</b>	none
<b>R-phrases:</b>	none

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Range [%]	Substance
80 - < 100	Glass, oxide Registration: CAS: 65997-17-3, EINECS/ELINCS: 266-046-0, EU-INDEX: , ECBnr: GHS/CLP: EEC:

**Comment on component parts:**  
No dangerous components.

**Substances of Very High Concern - SVHC:**  
The product contains no substance which is named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).

### 4. FIRST AID MEASURES

<b>General information:</b>	Change soaked clothing.
<b>Inhalation:</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact:</b>	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
<b>Ingestion:</b>	not applicable
<b>Advice to doctor:</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.
<b>Extinguishing media that must not be used:</b>	none
<b>Special exposure hazards arising from the substance or preparation itself or combustion products:</b>	Unknown risk of formation of toxic pyrolysis products.
<b>Special protective equipment for firefighters:</b>	not applicable
<b>Additional information:</b>	Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

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### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Avoid dust formation. Use breathing apparatus if exposed to dust.
<b>Environmental precautions:</b>	not applicable
<b>Methods for cleaning up:</b>	Take up mechanically. Dispose of absorbed material in accordance within the regulations.

### 7. HANDLING AND STORAGE

<b>Advice on safe handling:</b>	No special measures necessary if used correctly. Avoid the formation and deposition of dust. Provide vacuuming if dust raised. Dust deposits that cannot be avoided must be taken up regularly. With mechanical processing however fibers can be set free. During mechanical processing vacuuming at processing machines is necessary.
<b>Advice on protection against fire and explosion:</b>	No special measures necessary.
<b>Requirements for storage rooms and vessels:</b>	No special measures necessary.
<b>Advice on storage compatibility:</b>	not applicable
<b>Further information on storage conditions:</b>	not applicable

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

<b>Additional advice on system design:</b>	Ensure adequate ventilation on workstation. To pay attention to dust limit value (ACGHI-2006: 10 mg/m <sup>3</sup> particle inhalable; 3 mg/m <sup>3</sup> particle respirable).
<b>Ingredients with occupational exposure limits to be monitored: (GB)</b> <i>Range [%] Substance / WEL: Workplace exposure limit</i>	
<b>Respiratory protection:</b>	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter P2.
<b>Hand protection:</b>	The details concerned are recommendations. Please contact the glove supplier for further information. Leather (EN 388).
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	Long-sleeved work clothes.
<b>General protective measures:</b>	Avoid contact with eyes and skin. Do not inhale dust. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.
<b>Hygiene measures:</b>	Wash hands before breaks and after work. Use barrier skin cream.
<b>Delimitation and monitoring of the environmental exposition:</b>	not determined

## OLYMPUS WELDING BLANKET



### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Solid in different forms.	<b>Vapour pressure (kPa)</b>	Not applicable.
<b>Colour</b>	Various.	<b>Density (g/m)</b>	Not determined.
<b>Odour</b>	Odourless.	<b>Bulk density (kg/m<sup>3</sup>)</b>	Not applicable.
<b>pH-value</b>	Not applicable.	<b>Solubility in water</b>	Immiscible.
<b>pH-value, 1 %</b>	Not applicable.	<b>Partition coefficient: n-octanol / water</b>	Not applicable.
<b>Boiling point (°C)</b>	Not applicable.	<b>Viscosity</b>	Not applicable.
<b>Flash point (°C)</b>	Not applicable.	<b>Relative vapour density determined in air</b>	Not applicable.
<b>Flammability (°C)</b>	Not applicable.	<b>Evaporation speed</b>	Not applicable.
<b>Lower explosion limit</b>	Not applicable.	<b>Melting point (°C)</b>	Not determined.
<b>Upper explosion limit</b>	Not applicable.	<b>Autoignition temp. (°C)</b>	Not applicable.
<b>Combustible properties</b>	No.	<b>Decomposition temp. (°C)</b>	Not applicable.

### 10. STABILITY AND REACTIVITY

**Hazardous reactions:** No hazardous reactions known.  
**Hazardous decomposition products:** No hazardous decomposition products known.

### 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity:** not determined  
**Acute dermal toxicity:** not determined  
**Acute inhalational toxicity:** not determined  
**Irritant effect on eye:** not determined  
**Irritant effect on skin:** not determined  
**Sensitization:** not determined  
**Subacute toxicity:** not determined  
**Chronic toxicity:** not determined  
**Mutagenicity:** not determined  
**Reproduction toxicity:** not determined  
**Carcinogenicity:** not determined  
**Experiences made in practice:** Contains fibres with diameter > 6 micrometers. The filament is not breathable (WHO).  
 Fiber abrasion can cause mechanical skin irritation.  
**General remarks:** No classification on the basis of the calculation procedure of the preparation directive.

### 12. ECOLOGICAL INFORMATION

**Fish toxicity** Not applicable.  
**Daphnia toxicity** Not applicable.  
**Behaviour in environment compartments** Not applicable.  
**Behaviour in sewage plant** Not applicable.  
**Bacteria toxicity** Not applicable.  
**Biological degradability** Not applicable.  
**COD** Not applicable.  
**BOD5** Not applicable.  
**AOX-advice** Not determined.  
**76/464/EC** Not determined.  
**General information** The product is insoluble in water  
 Can be separated out mechanically in purification plants.

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### 13. DISPOSAL CONSIDERATIONS

Product:	Coordinate disposal with the authorities if necessary.
Contaminated packaging:	Uncontaminated packaging may be taken for recycling.
Waste no. (recommended):	101103 waste glass-based fibrous materials 101112 waste glass other than those mentioned in 10 11 11 170604 insulation materials other than those mentioned in 17 06 01 and 17 06 03

### 14. TRANSPORT INFORMATION

<b>Classification according to ADR:</b>	NO DANGEROUS GOODS
- Classification Code:	
- Label:	
- ADR LQ	
- ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code): -
<b>Classification according to IMDG:</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
- EMS	
- Label:	
- IMDG LQ:	
<b>Classification according to IATA:</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
- Label:	

### 15. REGULATORY INFORMATION

<b>Exposure scenario:</b>	not determined
<b>Chemical safety report:</b>	not determined
<b>Labelling:</b>	The product does not require a hazard warning label in accordance with EC-directives. This product is an article and therefore it does not require labelling according to EC directives/GefStoffV.
<b>Hazard symbols:</b>	none
<b>R-phrases:</b>	none
<b>S-phrases:</b>	none
<b>Special labelling:</b>	not applicable
<b>Authorisation, TITEL VII:</b>	not applicable
<b>Restrictions, TITEL VIII:</b>	not applicable
<b>EEC-REGULATIONS:</b>	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG
<b>TRANSPORT-REGULATIONS:</b>	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
<b>NATIONAL REGULATIONS (GB)</b>	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

### 16. OTHER INFORMATIONS

<b>Observe employment restrictions for people:</b>	yes
<b>VOC (1999/13/CE):</b>	not applicable

*Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**OLYMPUS WELDING BLANKET**



**TECHNICAL DATA**

<b>Test</b>			
1. Material		Silica (SiO <sub>2</sub> 98%)	
2. Weave		Atlas 12/7	
3. Width		900 mm	
4. Thickness		1,3 mm (tolerance + of - 15%)	
5. Weight		1220 g/m <sup>2</sup> (tolerance + of - 15%)	
6. Yarn count	<i>warp</i>	17,0 threads/cm EC9 400Tex	
	<i>weft</i>	13,0 threads/cm EC9 400Tex	
7. Tensile strength	<i>warp</i>	730 N/cm	
	<i>weft</i>	600 N/cm	

\* partly according to the standard

Subject to tolerances