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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/m²). Chaque face de la toile est enduite de vermiculite (10 g/m²).
Epaisseur nominale totale : 1,3 mm
Masse surfacique nominale : 1220 g/m².
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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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product description	Silica fibre material		
Manufacturer / Supplier	Cepro International BV P.O. Box 183 5120 AD Rijen The Netherlands	Date of issue	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

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

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

5. FIRE-FIGHTING MEASURES

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

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6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Advice on safe handling:	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.
Advice on protection against fire and explosion:	No special measures necessary.
Requirements for storage rooms and vessels:	No special measures necessary.
Advice on storage compatibility:	not applicable
Further information on storage conditions:	not applicable

8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid in different forms.	Vapour pressure (kPa)	Not applicable.
Colour	Various.	Density (g/m)	Not determined.
Odour	Odourless.	Bulk density (kg/m³)	Not applicable.
pH-value	Not applicable.	Solubility in water	Immiscible.
pH-value, 1 %	Not applicable.	Partition coefficient: n-octanol / water	Not applicable.
Boiling point (°C)	Not applicable.	Viscosity	Not applicable.
Flash point (°C)	Not applicable.	Relative vapour density determined in air	Not applicable.
Flammability (°C)	Not applicable.	Evaporation speed	Not applicable.
Lower explosion limit	Not applicable.	Melting point (°C)	Not determined.
Upper explosion limit	Not applicable.	Autoignition temp. (°C)	Not applicable.
Combustible properties	No.	Decomposition temp. (°C)	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

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

15. REGULATORY INFORMATION

Exposure scenario:	not determined
Chemical safety report:	not determined
Labelling:	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.
Hazard symbols:	none
R-phrases:	none
S-phrases:	none
Special labelling:	not applicable
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	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
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS (GB)	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

16. OTHER INFORMATIONS

Observe employment restrictions for people:	yes
VOC (1999/13/CE):	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.

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TECHNICAL DATA

Test			
1. Material		Silica (SiO ₂ 98%)	
2. Weave		Atlas 12/7	
3. Width		900 mm	
4. Thickness		1,3 mm (tolerance + of - 15%)	
5. Weight		1220 g/m ² (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