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E09/06 c du 03/09/2014

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

Valable 5 ans à compter du 30 Novembre 2015

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° 1303/09/310 C

Et annexe de 3 pages

Matériau présenté par : CEPRO
87, rue Nationale
59000 Lille
France

Référence commerciale : Toile Leto

Description sommaire : Fibre Silicate avec enduction vermiculite 2 faces.
Application Bâtiment
Epaisseur nominale totale : 0,70 mm.
Masse volumique calculée : 857 kg/m³
Masse surfacique déclarée : 600 g/m².
Coloris présenté : Or.

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

Référence du rapport d'essai : RE 3M 1303/09/310C et RE 1E 1303/09/310C du 30/11/2015

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 »

A Bruay-la-Buissière, le 30 Novembre 2015

Pour ordre, suppléant du Président, Franck POUTCH

Le Responsable de la classification

Skander KHELIFI

Thomas TURF

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 | Silicate fibre material with/without coating with one-sided PU, two-sided PU with/without HT-finish with CS, HT90, MT, HT75, FH1000, AR, SF with/without silicon-coatings with/without coating with aluminium sheet metal foil, aluminium vaporized PES foil | | |
| Manufacturer / Supplier | Cepro International BV P.O. Box 183 5120 AD Rijen The Netherlands | Date of issue | March 2011 |
| | 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

No special hazards have to be mentioned.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Substance | EINECS/ELINCS | CAS | Range [%] | Symbol / R-phr. |
|---------------|---------------|------------|------------|-----------------|
| Glass, oxides | 266-046-0 | 65997-17-3 | 80 - < 100 | |

4. FIRST AID MEASURES

| | |
|----------------------------|---|
| General information | Change soaked clothing. |
| Inhalation | Ensure supply of fresh air. In the event of symptoms refer 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 | Drink plenty of water to reduce irritation, If irritation persists, seek medical attention. |
| Advice to doctor | Treat symptomatically. |

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5. FIRE-FIGHTING MEASURES

| | |
|---|---|
| Suitable extinguishing media | Foam, Dry powder. Water spray jet. Carbon dioxide. |
| Extinguishing media that must not be used | None. |
| Special exposure hazards arising from the substance or preparation itself or combustion products | Risk of formation of toxic pyrolysis products. |
| Special protective equipment for firefighters | Use self-contained breathing apparatus |
| Additional information | Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|--|---|
| Personal precautions | Avoid dust formation. Use breathing apparatus if exposed to dust. |
| Environmental precautions | Not applicable |
| Methods for cleaning up/taking up | Dispose of absorbed material in accordance with the regulations. Take up mechanically. |

7. HANDLING AND STORAGE

| | |
|--|--|
| Advice on safe handling | Avoid the formation and deposition of dust. Provide extraction if dust raised. No special measures necessary if used correctly. Dust deposits that cannot be avoided must be taken up regularly. |
| 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. |

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Additional advice on system design

Ensure adequate ventilation on workstation.

| Ingredients with occupational exposure limits to be monitored: (GB) | | | |
|---|-----------|---------------------------|-----------------------------|
| Substance | LTEL[ppm] | L TEL[mg/m ³] | General remarks |
| glass, oxide, chemicals | | 5 | ore 2 fibres/ml; 14/3,59,87 |
| L TEL: Loml-term exposure limit | | | |

| | |
|--|---|
| Respiratory protection | Breathing apparatus in the event of high concentrations. Short term: filter apparatus, Filter P2. |
| Hand protection | Leather (EN 388) |
| Eye protection | Safety glasses. |
| Skin protection | Long-sleeved work clothes |
| General protective measures | Do not inhale dust. Avoid contact with eyes and skin. |
| Hygiene measures | Wash hands before breaks and after work. Use barrier skin cream. |
| Delimitation and monitoring of the environmental exposition | Not determined. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|-----------------|--|----------------|
| Appearance | Light brown | Odor | no |
| Physical state | Silicate | PH water | Non applicable |
| Vapor density | Non applicable | Melting point | > 1200 °C |
| Vapor pressure | Non applicable. | Freezing point | Non applicable |
| Specific gravity | 2,2 | Solubility | Insoluble |
| Odor treshold | Non applicable. | Boiling point | Non applicable |
| Evaporation rate | Non applicable. | Coefficient of water/oil distribution | Non applicable |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Hazardous reactions | No hazardous reactions known. |
| Hazardous decomposition products | No hazardous decomposition products known. |

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11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| Acute oral toxicity OECD 401 | Not determined. |
| Acute dermal toxicity OECD 402 | Not determined. |
| Acute inhalational toxicity OECD 403 | Not determined. |
| Irritant effect on eye OECD 405 | Not determined. |
| Irritant effect on skin OECD 404 | Not determined. |
| Sensitization OECD 406 | Not determined. |
| Subacute toxicity | Not determined. |
| Chronic toxicity | Not determined. |
| Mutagenicity | Not determined. |
| Reproduction toxicity | Not determined. |
| Carcinogenicity | Not determined. |
| Experiences made in practice | None fibres with diameter below 3,5 micrometers. Filament is nonrespirable (IARC). 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 | Not applicable. |

13. DISPOSAL CONSIDERATIONS

| | |
|---|--|
| Disposal/ Product | Coordinate disposal with the authorities if necessary. |
| Waste no. (recommended) | 101103 |
| Disposal/ Contaminated packaging | Uncontaminated packaging may be taken for recycling. |

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14. TRANSPORT INFORMATION

Classification according to ADR: No dangerous goods
Declaration:
Labelling: Hazard-no:
Factor, ADR 1.1.3.6: Label:
LQ, ADR 3.4.6: Vapour pressure (kPa)

Classification according to IMDG:
Declaration: Not classified as dangerous goods
Labelling: Label:
LQ, [l/kg]: EmS:

Classification according to IATA: Not classified as dangerous goods
Declaration:
Labelling:
Label:

15. REGULATORY INFORMATION

Labelling: The product does not require a hazard warning label in accordance with EC directives.
Hazard symbols:

15.1 SPECIAL LABELLING FOR CERTAIN PREPARATIONS

Not applicable.

15.2 NATIONAL REGULATIONS (GB)

Not determined.

16. OTHER INFORMATION

None.

16.1 SOURCES OF DOCUMENTATION

EEC:91/155 (2001/58); 67/548 (2004/73), 29. ATP; 1999/45 (2001/60); 91/689 (2001/118); 89/542; 1999/13
Transport information: ADR (2005); IMDG-Code (31.Amdt.); IATA-DGR (2005)

16.2 ADDITIONAL INFORMATION

Observe employment restrictions for people Not applicable.
VOC, 1999/13/EG Not applicable.
Customs Tariff Not determined.

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16.3 INFORMATION ON INGREDIENTS - 648/2004

Not applicable.

16.4 MODIFIED POSITION

None.

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TECHNICAL DATA

| Test | | | |
|----------------------|-------------|------------------------------------|--|
| 1. Material | | Silica (SiO ₂ min. 96%) | |
| 2. Weave | | Atlas 8/3 | |
| 2. Width | | 900 mm | |
| 3. Thickness | | 0,7 mm | |
| 4. Weight | | 600 g/m ² | |
| 5. Number of threads | <i>warp</i> | 19,0 threads/cm | |
| | <i>weft</i> | 13,0 threads/cm | |
| 6. Yarn count | <i>warp</i> | EC9 208 tex | |
| | <i>weft</i> | EC9 208 tex | |
| 8. Tensile strength | <i>warp</i> | > 475 N/cm | |
| | <i>weft</i> | > 343 N/cm | |

* partly according to the standard

Subject to tolerances