

LETO WELDING BLANKET



CREPIM
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Le format du classement de réaction au feu pour les produits de construction, à l'exception des revêtements de sol et des produits d'isolation thermique pour conduites linéaires est / The format of the reaction to fire classification for construction products excluding flooring and linear pipe thermal insulation products is:

Comportement au feu Fire behaviour		Production de fumée Smoke production		Gouttelettes enflammées Flaming droplets
A1	-	s	/	, d /

C'est-à-dire / Namely, A1

**Classement de réaction au feu /
Reaction to fire classification :**

A1

4.3 Domaine d'application / Field of application

Le présent classement est valable pour les paramètres suivants liés au produit / The classification is valid for the following product parameters :

Épaisseur / Thickness : 0.7 mm

Masse volumique / Density : 857 kg/m³

Masse surfacique / Surface mass : 600 g/m²

5. Limitations

Le présent document de classement n'est pas une approbation ni une certification de type du produit.
 This classification document does not represent type of approval or certification of the product.


Signé

Signature de la personne ayant réalisé le classement
 Signature of the person who realise the classification


Thomas TURF
 Ingénieur praticien
 Test engineer

Approuvé

signature de la personne autorisant le présent rapport
 Signature of the person who authorise the report


Skander KHELIFI
 Responsable Technique
 Technical Manager

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 This Classification Report consists of 4 pages and may only be used or reproduced in its entirety

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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.

Version 004 - Check our website for the latest version.

CEPRO_PFS_Welding blankets_Basic_Leto_2EN

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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. Weave		8H Satin	
2. Selvage		Feathered (Feather length: 5-8 mm)	
3. Yarn, tex	<i>warp</i>	68 x 3 or 102x2	
	<i>weft</i>	68 x 3 or 102x2	
4. Width		900 mm	DIN EN 1773
5. Thickness*, mm		0,77 +/- 0,07	DIN EN ISO 5084
6. Weight, g/m ²		600, +/- 30	DIN EN 12127
7. Thread count per cm	<i>warp</i>	19 +/- 1	DIN 53853
	<i>weft</i>	11 +/- 1	
8. Tensile strength, min. N/2,5 cm	<i>warp</i>	2800	EN ISO 13934.1
	<i>weft</i>	1900	
9. Content of main components %		SiO ₂ 95 +/- 1	Comp. Method
		Al ₂ O ₃ 3,5 +/- 0,5	PP - Q - K 05