

## OLYMPUS WELDING BLANKET



**CREPIM**  
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### 4. Classement et domaine d'application / Classification and field of application

#### 4.1 Référence de classement / Reference of classification

Le présent classement a été effectué conformément à la norme NF EN 13501-1 : 2013.  
 This classification has been carried out in accordance with NF EN 13501-1: 2013.

#### 4.2 Classement / Classification

Le produit, *Toile OLYMPUS*, a été classé en fonction de son comportement au feu / The product, *Toile OLYMPUS*, has been classified for its reaction to fire behavior: **A1**.

Le classement supplémentaire en relation avec la production de fumée est / Complementary classification in relation to smoke production is: **Non applicable**.

Le classement supplémentaire en relation avec les gouttelettes/particules enflammées est / Complementary classification in relation to fall of flaming droplets/particles is: **Non applicable**.

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<br>Fire behaviour |   | Production de fumée<br>Smoke production |                |   | Gouttelettes enflammées<br>Flaming droplets |                |
|---------------------------------------|---|---|----------------|---|---|----------------|
| A1                                    | - | s                                       | Non applicable | , | d   | Non applicable |

C'est-à-dire / Namely, A1

|  |    |
|--|----|
| Classement de réaction au feu /<br>Reaction to fire classification : | A1 |
|--|----|

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

|                                |   |                      |           |
|--------------------------------|---|----------------------|-----------|
| <b>Product description</b>     | Silica fibre material   |                      |           |
| <b>Manufacturer / Supplier</b> | <b>Cepro International BV</b><br>P.O. Box 183<br>5120 AD Rijen<br>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<br>Registration: CAS: 65997-17-3, EINECS/ELINCS: 266-046-0, EU-INDEX: ,<br>ECBnr:<br>GHS/CLP:<br>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.<br>In the event of symptoms seek for medical treatment.                        |
| <b>Skin contact:</b>        | When in contact with the skin, clean with soap and water.<br>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.<br>Use breathing apparatus if exposed to dust.                        |
| <b>Environmental precautions:</b> | not applicable  |
| <b>Methods for cleaning up:</b>   | Take up mechanically.<br>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.<br>Avoid the formation and deposition of dust.<br>Provide vacuuming if dust raised.<br>Dust deposits that cannot be avoided must be taken up regularly.<br>With mechanical processing however fibers can be set free.<br>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.<br>To pay attention to dust limit value (ACGHI-2006: 10 mg/m <sup>3</sup> particle inhalable;<br>3 mg/m <sup>3</sup> particle respirable).  |
| <b>Ingredients with occupational exposure limits to be monitored: (GB)</b><br><i>Range [%] Substance / WEL: Workplace exposure limit</i> |   |
| <b>Respiratory protection:</b>   | Breathing apparatus in the event of high concentrations.<br>Short term: filter apparatus, filter P2.  |
| <b>Hand protection:</b>  | The details concerned are recommendations. Please contact the glove supplier for further information.<br>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.<br>Do not inhale dust.<br>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.<br>Use barrier skin cream.   |
| <b>Delimitation and monitoring of the environmental exposition:</b>  | not determined  |

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### 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<br>101112 waste glass other than those mentioned in 10 11 11<br>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.<br>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.<br>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.*

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**TECHNICAL DATA**

| <b>Test</b>                        |             |  |                 |
|------------------------------------|-------------|--|-----------------|
| 1. Weave                           |             | 12H Satin                                  |                 |
| 2. Selvage                         |             | Feathered (Feather length: 5-8 mm)         |                 |
| 3. Yarn, tex                       | <i>warp</i> | 68 x 6 or 102x4                            |                 |
|                                    | <i>weft</i> | 68 x 6 or 102x4                            |                 |
| 4. Width                           |             | 900 mm                                     | DIN EN 1773     |
| 5. Thickness*, mm                  |             | 1,25 +/- 0,15                              | DIN EN ISO 5084 |
| 6. Weight, g/m <sup>2</sup>        |             | 1100, +70/-50                              | 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> | 2000                                       | EN ISO 13934.1  |
|                                    | <i>weft</i> | 1500                                       |                 |
| 9. Content of main components %    |             | SiO <sub>2</sub> 95 +/- 1                  | Comp. Method    |
|                                    |             | Al <sub>2</sub> O <sub>3</sub> 3,5 +/- 0,5 | PP - Q - K 05   |