

### PVC SIMOPOR-ULTRA LIGHT

Trade name: **SIMOPOR-ULTRALIGHT**  
Date of printing: 24.04.2018

Revision: 07.02.2018

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|--|---|
| 1. Identification of substance/preparation and company | Manufacturer details:<br>SIMONA AG<br>Teichweg 16<br>D-55606 Kirn<br>Phone: +49 (0) 67 52 14-0<br>Fax: +49 (0) 67 52 14-211   |
| 2. Hazards identification                              | unknown   |
| 3. Composition / Information on ingredients            | Chemical characteristics: polymer of vinylchloride foamed<br>CAS number: not applicable   |
| 4. First-aid measures                                  | General comment: medical aid is not necessary<br>First-aid measures: none<br>Routes of exposure: none<br>Symptoms /effects: none  |
| 5. Firefighting measures                               | In case of fire please use gas mask and breathing equipment independing of circulating air. Fire residues must be disposed of according to the local instructions. Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide, Kohlendioxid<br>Hazard warning notice: not applicable |
| 6. Accidental release measures                         | Person-related measures: none<br>Environmental protection measures: not applicable<br>Cleaning equipment: not applicable<br>Unsuitable cleaning products: not applicable  |
| 7. Handling and storage                                | Handling: no special regulations to be observed<br>Storage: storable for an unlimited period  |
| 8. Exposure controls / Personal protection             | Special design of techn. processing facilities: not required<br>Tolerance levels: none<br>Exposure assessment: none<br>Respiratory protection: not required<br>Eye protection: not required<br>Body protection: not required  |
| 9. Physical and chemical properties                    | <p><u>Phenotype</u></p> <p>Physical state: semi-finished product, solid state<br/>Colour: white<br/>Odour: not applicable</p> <p><u>Change of state</u></p> <p>Flash point: not applicable</p> <p><u>Other remarks</u></p> <p>Density: 0.47 g/cm<sup>3</sup></p>  |

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| 10. Stability and reactivity  | <p>Thermal decomposition: above appr. 200°C<br/>Hazardous decomposition products:<br/>Besides hydrochloric acid also carbon dioxide and water will develop during the burning process. In case of incomplete burning also carbon monoxide and traces of phosgene may arise.<br/>Use of stabilisers: none<br/>Exothermic reactions: none<br/>Notices regarding state of aggregation: none<br/>Conditions to be avoided: none<br/>Substances/media to be avoided: none</p> |
| 11. Toxicological information | <p>No hazardous effects on health were observed over several years of usage.</p>   |
| 12. Ecological information    | <p>No biodegradation, no solubility in water, no hazardous effects on the environment are to be expected.<br/>Mobility: not applicable<br/>Accumulation: not applicable<br/>Eco-toxicity: not applicable</p>   |
| 13. Disposal considerations   | <p>Can be recycled or can be disposed of together with household rubbish (acc. to local regulations).<br/>Waste key for the unused product: EAK-Code 120 105<br/>Waste name: waste of polyvinylchloride</p>  |
| 14. Transport information     | <p>No dangerous product in respect to / according to transport regulations<br/>Notice/symbol transport containers: none<br/>Special marking for containers: none</p>   |
| 15. Regulatory information    | <p>Marking according to GefStoffV/EG: no obligation for marking<br/>Water danger class: class 0 (self classification)<br/>Domestic requirements to be observed: none</p>   |
| 16. Other information         | <p>This information solely describes the safety requirements of the product(s) and is based on our current state of knowledge. It does not give any assurance concerning the product(s) described within the meaning of statutory warranty regulations.</p>  |

# Ficha técnica

Nombre comercial: **SIMOPOR-ULTRALIGHT**

Fecha de impresión: 24.04.2018

Inspección:

07.02.2018

## SIMOPOR-ULTRALIGHT

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|---|---|
| Hoja de datos-actualización   | 07.02.2018  |
| Densidad, g/cm <sup>3</sup> ,<br>DIN EN ISO 1183                          | 0,47  |
| Módulo E tensión, MPa,<br>DIN EN ISO 527                                  | 600   |
| Tensión de estirado, MPa,<br>DIN EN ISO 527                               | 15  |
| Dilatación bajo la tensión de estirad, % ,<br>DIN EN ISO 527              | 3   |
| Módulo E flexión, MPa,<br>DIN EN ISO 178                                  | 930   |
| Resistencia al impacto, kJ/m <sup>2</sup> ,<br>DIN EN ISO 179-1eU         | 12  |
| Dureza Shore D (15 s),<br>DIN EN ISO 868                                  | 30  |
| Coefficiente medio de dilatación térmic, K <sup>-1</sup> ,<br>ISO 11359-2 | 0,7 x 10 <sup>-4</sup>  |
| Resistencia de superficie, Ohm ,<br>DIN IEC 60093                         | > 10 <sup>15</sup>  |
| Campo de temperatura, °C  | 0 hasta +60   |
| Comportamiento ante el fuego DIN 4102                                     | DIN 4102 B2 inflamabilidad normal<br>(Autoevaluación sin certificado de prueba) |
| Inocuidad fisiológica, BfR  | no  |

Los datos son orientativos para el material correspondiente y pueden variar en función del proceso de tratamiento y de la producción de muestras. Por lo general, se trata de valores medios de mediciones sobre planchas extrusionadas de 4 mm. Exclusivamente en el caso de las planchas producidas por moldeo por compresión, por lo general se trata de mediciones realizadas en planchas de 20 mm de espesor. Pueden aparecer divergencias si no se dispone de planchas de este espesor. En el caso de las planchas revestidas, los parámetros técnicos hacen referencia a las planchas básicas sin revestir. Los datos no se pueden aplicar directamente a otro tipo de productos (como por ejemplo tuberías o barras macizas) hechos del mismo material o a elementos elaborados a partir de los mismos. El usuario u operario debe comprobar la idoneidad de los materiales para un uso concreto. Los parámetros técnicos solo sirven como ayuda a la planificación. Sobre todo, no constituyen una garantía de ninguna característica. Puede obtener más información en nuestro Technical Service Center en [tsc@simona.de](mailto:tsc@simona.de).