



Safety data sheet

The text of this data sheet has been prepared according to EEC - Instruction 91/155.

1.	<u>Product and company name</u> Product SiperM HP High porous sintered materials made from polyethylene (PE-UHMW) Manufacturer/Supplier Tridelta SiperM GmbH Ostkirchstr. 177 D-44287 Dortmund phone.: +49 (0)231-4501-221 facsimile: +49 (0)231-4501-313
2.	<u>Composition / Information on composition</u> Chemical characterization Ultra high molecular weight polyethylene Identification of material / product CAS – Nr. 9002 – 88 – 4
3.	<u>Possible dangers</u> Information on dangers for human beings and environment None
4.	<u>First aid measures</u> After contact with skin After contact with the melted product cool quickly with cold water; consult a physician if necessary.
5.	<u>Measures for fire fighting</u> suitable extinguishing mediums water, foam, gaseous extinguisher, extinguishing power, water jet
6.	<u>Measures when release unintentionally</u> Personal precautionary measures: none Environmental protection measures: none Method for cleaning / picking up: pick up mechanically
7.	<u>Handling and storage</u> Information on safe handling In the supplied form no preventive measures are necessary. Information on fire and explosion protection Initiate measures against electrostatic charge. Storage VCI-Storage class 11: Combustible solids At room temperature indefinitely storable Storage in dark room. Long-term UV-radiation can cause embrittlement. Do not expose the material to sunlight or other strong UV-radiation over a longer period.

8.	<u>Exposition limitation and personal protection equipment</u> Components with working place-related limiting values that need to be supervised: none Personal protection equipment: General protection and hygienic measures: Do not inhale dust Do not smoke, eat or drink at work
9.	<u>Physical and chemical characteristics</u> Colour: usually white, at customer's request colourable Form: Shaped parts of different sizes Smell: neutral / odourless Solubility in water: insoluble Crystallite melting point: approx. 130 °C Flash point: not applicable Inflammation point: approx. 350 °C Density: 0,6 – 0,7 g/cm ³
10.	<u>Stability and reactivity</u> Thermal decomposition: approx. 330 °C Dangerous decomposition products: none
11.	<u>Data on toxicology</u> In case of proper handling no disadvantageous effects are known. Acute dangers Inhalation: no acute endangering known Taking: no acute endangering known Skin contact: no acute endangering known Chronic dangers Inhalation: no acute endangering known Skin contact: no acute endangering known
12.	<u>Data on ecology</u> No special measures necessary. In sewage plants it can be separated mechanically, product is insoluble in water.
13.	<u>Information on disposal</u> Under consideration of the official regulations as well as the stipulations of the waste disposer it can be stored or burnt together with household waste. If bigger amounts need to be recycled, please contact the manufacturer.
14.	<u>Data on transport</u> Land carriage ADR / RID No dangerous medium Sea transport Inland navigation ADNR / GGVB No dangerous medium Ocean navigation MDG / GGVS Not subject to regulations for sea transport Air freight ICAO/IATA Not subject to regulations for air freight Transport by post permissible

15.	<u>Regulations</u> Classification after EEC - guidelines No marking required Water endangering class: Class: nwg not water endangering acc. to VwVwS, Appendix 1 Id.-No. 766
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16.	<u>Other data</u> These data rely on our today's knowledge However, they represent no warranty of product properties after § 463 BGB and they don't justify a contractual legal relation.
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