

Trade name: **PE-HML 500**  
 Date of printing: 03.09.2013

Revision: 22.11.2012

1. Identification of substance/preparation and company	Manufacturer details: SIMONA AG Teichweg 16 D-55606 Kirn Phone: +49 (0) 67 52 14-0 Fax: +49 (0) 67 52 14-211
2. Possible dangers	unknown
3. Composition / Indications to components	Chemical characteristics: polymer of ethylene CAS-number: not necessary
4. First-aid measures	General comment: medical aid is not necessary First-aid measures: none Routes of exposure: none Symptoms / effects: none
5. Fire-fighting measures	Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide Hazard warning notice: not applicable
6. Measures in case of unintended release	Person-related measures: none Environmental protection measures: not applicable Cleaning equipment: not applicable Unsuitable cleaning products: not applicable
7. Handling and storage	Handling: no special regulations must be observed Storage: unlimited good storage property
8. Exposure controls / personal protection	Special design of techn. processing facilities: not required Tolerance levels: none Exposure measurement procedures: none Respiratory protection: not required Eye protection: not required Body protection: not required
9. Physical and chemical properties	<u>Phenotype</u> Phenotype / form: semi-finished product, solid state Colour: natural Smell: not applicable  <u>Change of state</u> Crystalline melting range: 130-135 °C Flash point: not applicable  <u>Other remarks</u> Density: 0.954 g/cm <sup>3</sup>

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10. Stability and reactivity	Thermal decomposition: above appr. 300 °C Dangerous decomposition products: Besides carbon black also carbon dioxide and water as well as low molecular parts of PE will develop during the burning process. In case of incomplete burning also carbon monoxide may arise. Use of stabilisers: none Exothermic reactions: none Notices regarding state of aggregation: none Conditions to be avoided: none Substances/media to be avoided: none
11. Toxic indications	During several years of usage no effects being harmful for the health were observed.
12. Ecological indications	No biodegradation, no solubility in water, no effects being harmful to the environment must be expected. Mobility: not applicable Accumulation: not applicable Eco-toxicity: not applicable
13. Waste-disposal indications	Can be recycled or can be disposed of together with household rubbish (acc. to local regulations). Waste key for the unused product: EAK-Code 120 105 Waste name: waste of polyolefine
14. Transport indications	No dangerous product in respect to / according to transport regulations Notice/symbol transport containers: none Special marking for containers: none
15. Instructions	Marking according to GefStoffV/EG: no obligation for marking Water danger class: class 0 (self classification) Domestic requirements to be observed: none
16. Further indications	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.