Trade name: **SIMONA® PE 1000 AST**
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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. Hazards identification	unknown
3. Composition / Information on ingredients	Chemical characteristics: polymer of ethylene CAS number: not applicable
4. First-aid measures	General comment: medical aid is not necessary First-aid measures: none Routes of exposure: none Symptoms /effects: none
5. Firefighting measures	Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide Hazard warning notice: not applicable
6. Accidental release measures	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 to be observed Storage: storable for an unlimited period
8. Exposure controls / Personal protection	Special design of techn. processing facilities: not required Tolerance levels: none Exposure assessment: none Respiratory protection: not required Eye protection: not required Body protection: not required
9. Physical and chemical properties	Phenotype Physical state: semi-finished product, solid state Colour: black Odour: not applicable Change of state Crystalline melting range: 130-135 °C Flash point: not applicable Other remarks Density: 0.94 g/cm³
10. Stability and reactivity	Thermal decomposition: above appr. 300 °C Hazardous 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. Toxicological information	No hazardous effects on health were observed over several years of usage.
12. Ecological information	No biodegradation, no solubility in water, no hazardous effects on the environment are to be expected. Mobility: not applicable Accumulation: not applicable Eco-toxicity: not applicable
13. Disposal considerations	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 information	No dangerous product in respect to / according to transport regulations Notice/symbol transport containers: none Special marking for containers: none
15. Regulatory information	Marking according to GefStoffV/EG: no obligation for marking Water danger class: class 0 (self classification) Domestic requirements to be observed: none
16. Other information	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.