

Commercial product name: Enkagrid® pPTA	
1 Identification of the product and the company	Product name: Enkagrid TRC® xx (x = 0, 2, 3, 4) Producer: Colbond b.v. Westervoortsedijk 73 NL-6827 AV Arnhem Tel. +31 26 3664600 Fax +31 26 3665812 Emergency telephone: Tel. +31 26 3663137
2 Composition	Flexible coated aramid mesh (poly-(para-phenylene-terephthalamide) with finish components) incorporated in between two layers of nonwoven filter made of thermally bonded bicomponent yarn of a polyethyleneterephthalate core and a polyamide 6 skin (ε-caprolactam).
3 Hazards identification	To the best of our knowledge this product has not been associated with negative effects on humans and environment if used in accordance with good industrial hygiene practice and any legal requirements.
4 First-aid measures	Inhalation: No specific measures to be taken Skin contact: No specific measures to be taken. In case of fire the molten product may cause burns. Rinse with plenty of water. Do not attempt to remove clothes (danger of adherence to the skin). Call a physician. Eyes contact: No specific measures to be taken Ingestion: No specific measures to be taken
5 Fire fighting measures	Suitable extinguishing media: Water, dry chemical, foam or CO ₂ extinguisher Extinguishing media not to be used: None Special exposure hazards: Depending on temperature and oxygen availability combustion off-gases contain variable quantities of toxic substances (CO, CO ₂ , NH ₃ , diverse compounds of low molecular weight, HCN) which must not be inhaled. Special equipment for fire fighters: Use autonomous respirators to fight fire indoors or in poorly ventilated areas.
6 Accidental release measures	No specific measures to be taken
7 Handling and storage	No specific measures to be taken. The structure of the cut product can cause hand damage, gloves are advisable.
8 Exposure controls and personal protection	No specific requirements

9	Physical and chemical properties	<p>Appearance: Solid, mesh black, filter grey</p> <p>Odour: None</p> <p>pH: Not applicable</p> <p>Boiling point: Not applicable</p> <p>Melting point: PA6 214 °C</p> <p>PET 254 °C</p> <p>Aramid does not melt</p> <p>Flash point: Filter >350 °C</p> <p>Mesh Not applicable</p> <p>Autoflammability: Not applicable</p> <p>Explosive properties: Not applicable</p> <p>Oxidizing properties: Not applicable</p> <p>Vapour pressure: Not applicable</p> <p>Density: PA6 1.14 g/cm³</p> <p>PET 1,34 g/cm³</p> <p>Aramid 1,44 – 1,45 g/cm³</p> <p>Solubility in water : Insoluble</p> <p>Partition coefficient: n-octanol/water: Not applicable</p>
10	Stability and reactivity	<p>Conditions to avoid: None under normal storage conditions</p> <p>Materials to avoid: None under normal storage conditions</p> <p>Hazardous decomposition products: None under normal storage conditions</p> <p>Combustion off-gases see point 5</p>
11	Toxicological information	No known toxic reaction under normal conditions; under decomposition conditions toxic fumes.
12	Ecological information	Due to its chemical nature the product is not ecotoxic and not readily biodegradable.
13	Disposal considerations	Can be disposed off in landfills, by recycling or incineration according to local regulations.
14	Transport information	Not classified as hazardous
15	Regulatory information	Not classified as hazardous
16	Other information	The information contained in this Material Safety Data Sheet has been developed by the company to the best of its knowledge, inspired by the Commission Directive 93/112/EC of 10 December 1993. Therefore the company does not assume any liability with respect to the correctness and/or completeness of the information provided by the Material Safety Data Sheet. The customer in particular shall not be released from his duty to check all safety relevant properties of the delivered material and to refer to the official texts for full information on the local obligations.

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