

Commercial product name: Enkadrain® Core PP, Filter PP	
1 Identification of the product and the company	<p>Product name: Enkadrain®, standard types</p> <p>Producer: Colbond b.v. Westervoortsedijk 73 NL-6827 AV Arnhem Tel. +31 26 3664600 Fax +31 26 3665812 Emergency telephone: Tel. +31 26 3663137</p>
2 Composition	<p>Three-dimensional open structured matting made from polypropylene, provided on one or both sides with a nonwoven filter made from thermally bonded polypropylene yarns.</p>
3 Hazards identification	<p>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.</p>
4 First-aid measures	<p>Inhalation: No specific measures to be taken</p> <p>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.</p> <p>Eyes contact: No specific measures to be taken</p> <p>Ingestion: No specific measures to be taken</p>
5 Fire fighting measures	<p>Suitable extinguishing media: Water, dry chemical, foam or CO₂ extinguisher</p> <p>Extinguishing media not to be used: None</p> <p>Special exposure hazards: Depending on temperature and oxygen availability combustion off-gases contain variable quantities of toxic substances (carbon monoxide, carbon dioxide, acids, ketones, aldehydes, simple hydrocarbons) which must not be inhaled.</p> <p>Special equipment for fire fighters: Use autonomous respirators to fight fire indoors or in poorly ventilated areas.</p>
6 Accidental release measures	<p>No specific measures to be taken</p>
7 Handling and storage	<p>No specific measures to be taken. The structure of the cut product can cause hand damage, gloves are advisable.</p>
8 Exposure controls and personal protection	<p>No specific requirements</p>

9	Physical and chemical properties Appearance: Solid, core white or black, filter grey Odour: None pH: Not applicable Boiling point: Not applicable Melting point: 155-170 °C Flash point: > 320 °C Autoflammability: > 350 °C Explosive properties: Not applicable Oxidizing properties: Not applicable Vapour pressure: Not applicable Density: 0.90-0.92 g/cm ³ Solubility in water : Insoluble Partition coefficient: n-octanol/water: Not applicable
10	Stability and reactivity Conditions to avoid: None under normal storage conditions Materials to avoid: None under normal storage conditions Hazardous decomposition products: None under normal storage conditions Combustion off-gases: See point 5
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 in 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.

Colbond Geosynthetics, P.O. Box 9600, 6800 TC Arnhem, the Netherlands
Phone: +31 26 366 4600 • Fax: +31 26 366 5812
geosynthetics@colbond.com • www.colbond.com

The information set forth in this brochure reflects our best knowledge at the time of issue. The brochure is subject to change pursuant to new developments and findings, and a similar reservation applies to the properties of the products described.
We undertake no liability for results obtained by usage of our products and information.