

Technical data sheet

E U C A M – Syntex

<i>Product Description:</i>	Flame retardant for textiles made by synthetic fibre according to ÖNORM3800, class B1, DIN5510 and IMO Res. MSC. 61 (67)- (FTP Code), appendix 1 part 5, and IMO MSC. / Circ. 1120, water-based, halogen- and solvent-free, dilutable with water.
<i>Package:</i>	5 or 10 litres plastic bottles; 100, 150, 200 or 1000 litres containers.
<i>Area of application:</i>	Any kind of synthetic fibre for indoor application. To be used in any event locations, theatres, restaurants, hotels, discotheques and assembly rooms. Not suitable for outdoor applications and if fibers are exposed to water. After washing and chemical cleaning the coating has to be renewed.
<i>Ingredients:</i>	Mixture of nitrogen and phosphorous containing substances. Not containing any organic solvents, halogens or other hazardous ingredients.
<i>Mode of action:</i>	EUCAM-Syntex , exposed to heat, develops inert gases and converts the fibre into pure carbon, which acts as an insulator for heat and oxygen.
<i>Long time protection:</i>	If properly applied, the coating lasts for five years and should be renewed afterwards.
<i>Smell/Colour</i>	No smell detectable, colourless
<i>Rate of application:</i>	1,38 litres for 1 kg textiles.
<i>Application:</i>	EUCAM- Syntex can be applied by spraying or dipping and final drying. To achieve the complete flame-retardant effect, EUCAM-Syntex must be able to penetrate through the fibre and should be completely absorbed by it.
<i>Drying time:</i>	Depending on the surface of the fibre, the temperature and the humidity. At normal humidity (< 65%) and at > 10°C drying time is one day.
<i>Storage:</i>	EUCAM-Syntex should be stored at temperatures over 0°C. Shelf-life is 12 month.
<i>Technical data:</i>	Flash point: non-combustible, specific weight: 1.1, Thinner/Cleaner: water
<i>Protective measures:</i>	EUCAM-Syntex is almost neutral. Keep EUCAM-Syntex away from food for human or animal consumption and do not allow it to get into soil, bodies of water or drainage.
<i>Remarks:</i>	In rare cases, change of color, appearance, tear strenght, or shrinkage of fibre may occur.

These notes are only intended as advice. All of the values given from technical tests and practical experience are to be taken as a guide only and are intended to give a broad indication of the applications possible. No rights and obligations may therefore be derived from them.

For additional information see original certificate and material safety data sheet