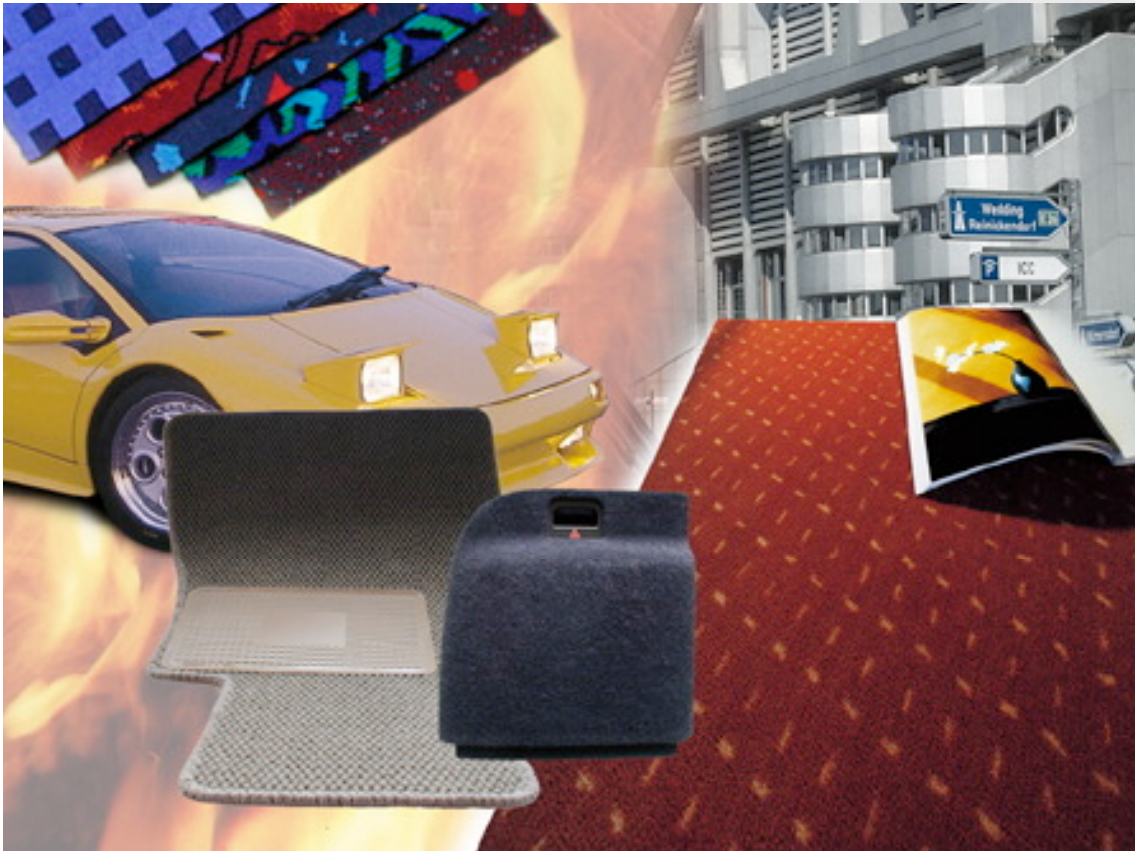


# **Emtex<sup>®</sup>**

## **Flameproofing agent (with binding agent) for needlefelt, tufted and woven fabrics**



- Highly effective flameproofing effects
- Good raw edge bonding, tuft anchorage and filament anchorage



Flameproofing systems should not have a negative effect on the product characteristics and still be useable in the greatest variety of ways possible. In addition to the specification requirements concerning flameproofing, smoke gas density and toxicity, the finish/coating also have to meet the "classic" requirements for good raw edge bonding, anchorage of pile, tuft and filament as well as the handle obtained. For this segment, we offer a selection of flameproofing compounds that can be used to coat needlefelts and carpets.

Our flameproofing agents, **Emtex® N 274**, **Emtex® M 376** and **Emtex® U 936** can be applied with the usual processes and modified in their properties with commercially available binding agent systems (natural latex, synthetic latex, acrylate and polyvinyl acetate). Any corrections of pH-value that might be necessary should be taken into account. The quantity used has to be geared to the type of fibre, fabric structure as well as the degree of flame resistance desired and can be determined by preliminary testing. If it is necessary to adjust the viscosity, diluting can be done with water or thickening agent (**Wesopret®** series) added.

Contact our sales team with specific problem situations or to work out guideline recipes.

## Emtex® Flameproofing agent (with binding agent) for needlefelt, tufted and woven fabrics

Product characteristics			
	Emtex® N 274	Emtex® M 376	Emtex® U 936
Colour	White	White	White
Polymer	PVAC	EVA	SBR/NR
Solids content [%]	59.5 - 62.0	59 - 61	60 - 62
pH-value	5.0 - 6.5	3 - 5	8.5 - 10.5
Viscosity [mPas]	200 - 300*	350 - 550*	1,500 - 2,500*
Halogen-free	●	●	●
Storage	Cool and frost-free (+5 to +30 °C)		
Stability in storage	3 months	6 months	

\* Haake VT02

**Safety** Please consult the safety data sheets before use.

### How to store and discharge

Be sure to note that to obtain a homogenous product, with systems containing solids it is necessary to stir up the container before each discharge. When stored in storage tanks, there should be an intermittent stirring apparatus or a stirring apparatus that runs slowly.

Our application engineering advice is without guarantee. The responsibility for how our products are used and processed is with the buyer, also with respect to any industrial property rights of third parties. The technical data concerning our products are approximate values.