

EMULTEX™ FR 797 is a specially colloid stabilised and vinyl acetate - vinyl versatate copolymer dispersion developed for formulation of waterborne intumescent coatings.

EMULTEX™ FR 797 provides a slow char formation with medium expansion factor.

EMULTEX™ FR 797 is recommended for intumescent coatings with fire protection up to 120min.

EMULTEX™ FR 797 ST is manufactured in Stallinborough, United Kingdom.

EMULTEX™ FR 797 DA is manufactured in Dammam, Saudi Arabia.

EMULTEX™ FR 797 HC is manufactured in Ho-Chi-Minh-City, Vietnam.

For further information regarding this product please refer to:

Coatings Synthomer

eMail: coatings@synthomer.com

Property	Typical Value	Unit	Method ¹
Total Solids	55	%	ISO 3251
pH	4.5	-	ISO 976
Viscosity @23°C	1100	mPa.s	ISO 2555
Glass Transition Temperature [Tg Midpoint]	13	°C	
Minimum Film Forming Temperature (MFFT)	2	°C	ISO 2115
Ionic Character	anionic		

¹ internal method based upon the specified norm

Key Advantages

- Slow char formation for long fire protection
- Medium expansion factor
- Very good water resistance
- low MFFT
- Good scrub resistance
- APEO free

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 12 months from the date of delivery. Recommended storage conditions are reported in the SDS.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.

Disclaimer: This information or data and any other advice or recommendations given or made by us (collectively "Information") are not intended to, nor do they, constitute professional advice or services. Information is provided "AS IS" and on an "AS AVAILABLE" basis and without warranty. We do not warrant or accept responsibility for the accuracy, timeliness or completeness of the Information or data or its suitability for a particular purpose. Synthomer makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Synthomer disclaims (i) any and all liability arising out of the application or use of any product (including as to infringement of third party intellectual property rights), (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability. Any Information concerning any possible use or application of Synthomer products is given by us in good faith and it is entirely for you to satisfy yourself fully as to the suitability of Synthomer products for any particular purpose. Synthomer products are sold in accordance with Synthomer's standard terms and conditions of sale which are available from www.synthomer.com/tc.