

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](mailto:coatings@synthomer.com)

| Property                                   | Typical Value | Unit  | Method <sup>1</sup> |
|--------------------------------------------|---------------|-------|---------------------|
| 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       |       |                     |

<sup>1</sup> 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.