**Product Data Sheet**

**Thioplast™ EPS 25**

Diglycidyl-ether end-capped liquid Polysulfide Pre-polymer

<table>
<thead>
<tr>
<th>Intended use</th>
<th>Formulation of flexible and corrosion-resistant coatings, adhesives and sealants</th>
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<tbody>
<tr>
<td>Description</td>
<td>Liquid, Diglycidyl-ether end-capped liquid Polysulfide Pre-polymer.</td>
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</table>
| Properties* | Viscosity (25°C) [Pas]: approx. 1.5 - 3  
1) Typical properties, not to be construed as product specifications  
Appearance: Clear, amber liquid  
Color: light yellowish  
Epoxy-oxygen content [wt%]: approx. 2.1 – 2.9  
Equivalent weight [g/equ]: approx. 550 - 750 |
| Application  | Thioplast EPS25 could be used in application of flexible, crack bridging and corrosion-resistant coatings for concrete and steel.  
Furthermore, Thioplast EPS25 is applied in formulations of adhesives, sealants and is being used as flexible reactive diluents for high viscos Epoxies.  
Thioplast EPS25 combines the outstanding chemical / physical properties of Thioplast G, liquid Polysulfide polymers, with the benefits of the Epoxy-chemistry.  
Further advantages of Thioplast EPS25 are:  
- Improve the flexibility of standard Bisphenol A, A/F and F based Epoxies  
- Improve the impact and thermal shock resistance  
- Excellent water and corrosion resistance  
- Resistance to a variety of aggressive chemicals, fuels and other oil products.  
- Thioplast EPS25 is used as additive in two-component Epoxy-systems. Curing at room and elevated temperature (max. temp. approx. 150°C/300°F)  
- Typical curatives are aliphatic and cycloaliphatic amines.  
- Thioplast EPS25 is chemically compatible with most of Bisphenol A, A/F, F and Novolac-Epoxies. |
| Packaging    | Thioplast EPS25 is available in 200 L drums or 1000L IBC. |
| Storage      | Thioplast EPS25 is a reactive Pre-polymer. Protection against contact with air, moisture and temperatures over 30°C/90°F during transportation and storage is needed. Containers should be firmly closed after each use.  
Under appropriate storage conditions the shelf life of this product is 12 months. |
| Handling     | Full information on the safe handling is available in the Material Safety Data Sheet (MSDS). Further details are available upon request. |

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