



Product Data Sheet

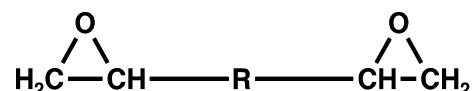
ThioplastTM EPS 25

Epoxidized Polysulfides

Status:
January 2009

Intended use Formulation of flexible and corrosion-resistant coatings and sealants

Description Epoxy-terminated polymer
R = chain with polysulfide structure



Properties

Viscosity (25°C) – Pa*s	approx. 2
Appearance	Clear, amber liquid
Colour	yellow
Epoxy-oxygen content - wt-%	approx. 2.5
Equivalent weight - g/equ.	approx. 640

Application ThioplastTM EPS 25 was specifically developed for flexible and corrosion-resistant coatings and sealants.

EPS types combine the well known properties of common Polysulfide polymers with improved surface adhesion and faster curing. Further advantages are:

- Extended flexibility
- Improved impact and thermal shock resistance
- Excellent water and corrosion resistance

Resistance to a number of aggressive chemicals, fuels and other oil products.

ThioplastTM EPS 25 is mostly used in two-component systems and can be cured at room temperature. Typical hardeners are aliphatic and cycloaliphatic amines.

ThioplastTM EPS 25 is used als reactive diluent for epoxy resins on basis of Bisphenol-A/F.

Packaging ThioplastTM EPS 25 is usually supplied in 216,5 l drums (57 USG). Other packaging available.

Storage Protect against contact with air, moisture and temperatures over 30°C during transportation and storage. Containers should be firmly sealed after each use.

Under appropriate storage conditions the shelf life of this product is 6 months.

Handling Full information on the safe handling of ThioplastTM EPS 25 is available in the Material Safety Data Sheet (MSDS). Further details are available upon request.

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