

Description:

CHEMOWEST worldwide unique, purely aliphatic epoxy- terminated polysulfide polymer. Thanks to the aliphatic polymer backbone, this types are particularly suitable for outdoor use. As the order EPS grades, this grades combined the excellent properties of polysulfides with the most desirable features of epoxy-resin systems to yield: excellent primerless adhesion to many surfaces (e.g. steel, aluminum or concrete), high impact resistance to oil, fuels, dilute acids, alkalis, solvents and sea water, very high flexibility, good weathering properties and corrosion protection. EPS can either be used alone or in combination with conventional epoxy resins to produce high-performance heavy-duty adhesives and coatings..

Properties:

Grade	Appearance	Viscosity (25°c-cps)	EEW g/eq	Epoxy-oxygen (wt%)	Volatile Max %	Odor
EPS-MV65	Clear amber Light yellow	15000- 25000	650-750	2.0-2.7	0.5	mild
EPS-HV110	Clear amber Light yellow	35000- 45000	1000-1200	2.0-2.7	0.5	mild

Curing:

these resins can be cured with almost any epoxy resins curing agents such as different types of aliphatic or cycloaliphatic amins and amides – acidanhydrides and etc....

Application:

EPS-MV65 & HV110 could be used in application of flexible, clack bridging and corrosion resistant coating for concrete and steel. Furthermore, EPS-MV65 & HV110 are applied in formulations of adhesives, sealants for electronic applications. Further advantages of EPS-MV65 & HV110 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, feuls and other oil products. Furthermore, EPS-MV65 and HV110 are used as additive in two component Epoxy-systems. Curing at room and elevated temperature (max. temp. approx. 150C/300F), typical curatives are aliphatic and cycloaliphatic amines. EPS-MV65 and HV110 are chemically compatible with most of Bisphenol A, A/F, F and Novolac-Epoxies.

Packaging:

EPS group polymers are available in 200 Liter drums , and 1000 Liter IBC.

Storage& Shelf life:

Store the container in cool and dry area, **keep it closed when not in use.**
 Shelf life under appropriate storage conditions min 12 months.

Legal Disclaimer:

All information ,appearing in this sheet is based upon test and data believed to be reliable ,however it is the user's responsibility to determined the suitability for his own use of the products described here Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent All orders accepted shall be subjected to the standard conditions of sale of the manufacturing company

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