

## GENERAL DESCRIPTION:

A mercapto functional organic adhesion promoter synthesized using a **STABILIZED BIMETAL PRE-CURSOR**. The product is supplied in diethylene glycol for solubilization of the active component in polymer matrices.

## PHYSICAL PROPERTIES:

Physical form	Clear liquid
Color	v. pale yellow
Metal Content (Total %)	5.2-6.0
Complexed Organics	12.0-13.6
Specific gravity (g/ml)	1.13
pH (2% soln)	4.1
Active Matter (wt %)	22.0
Solvent	diethylene glycol
Organofunctionality	mercapto

## APPLICATION:

**(1) Epoxy Molding Compounds and Adhesives:** Good solubility in most standard epoxies. Enhances adhesion to metals, plastics and elastomers. Increased T-peel strength. Improved resistance to moisture, heat and corrosive environments.

**(2) Elastomers:** Recommended for mineral filled (silica, etc.) or carbon black pigmented sulfur cured elastomers at 1.0 - 2.0 phr to improve physical properties tensile, tear and abrasion resistance.

## PROCEDURE:

It is recommended that evaluation be conducted at both 1.0 and 2.0 phr (parts adhesion promoter on polymer solids). See **Chartwell Use Procedure Bulletin**.

