

## Product Name: TegMeR<sup>®</sup> 804 Special

Glycol Ester – Coatings Plasticizer and Coalescing Aid

### Description

TegMeR<sup>®</sup> 804 Special is a tetra ethylene glycol ester plasticizer for high polarity resins, elastomers and plastics. This plasticizer has excellent compatibility in acrylic resins. TegMeR<sup>®</sup> 804 Special offers good resistance to water extraction and good low-temperature properties. In latex paints used in architectural coatings, TegMeR<sup>®</sup> 804 Special lowers the glass transition (T<sub>g</sub>), which allows the softened polymer to flow and fuse together with the other polymer chains in the system, creating a continuous film. TegMeR<sup>®</sup> 804 Special has a high boiling point and thus stays in the film after the water has evaporated. Because this ester does not volatilize; it is considered a non-volatile organic compound (VOC) diluent.

### Suggested Uses

Acrylic coatings, adhesives and paints

### Compatibility

Polychloroprene  
Nitrile / PVC Blends  
Acrylic Resins  
Nitrile Rubber  
Polyurethane  
Polystyrene  
PVAc  
Epichlorohydrin

### Typical Properties

Acid Value, wt.% as 2-	0.5
Appearance	Clear
Color, APHA	100
Moisture, Wt. %	0.06
Specific Gravity, 25 °C	0.984

### Performance Properties

Coalescence: Acrylic Latex

W/O TegMeR<sup>®</sup> 804S



W/ TegMeR<sup>®</sup> 804S



### Packaging

This material is available in 5-gallon pails, 55-gallon drums and in bulk.

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*TegMeR<sup>®</sup> is a registered trademark of Hallstar.*