



Product Information

Product Name: Wet Adhesion Monomer M109

M109 is a specialty monomer of wet adhesion promoter in methyl methacrylate. It can be incorporated during polymerization of solvent based resin synthesis, as well as of water based all-acrylic, vinyl-acrylic and styrene-acrylic emulsion copolymer binders for coatings, to provide outstanding wet adhesion and improved scrub resistance. M109 contains mainly cyclic heteroalkyl methacrylate and is a high performance ureido based adhesion promoting monomer.

Features and Benefits:

- Active component in MMA
- Readily incorporated during solvent based and water based emulsion copolymerization
- Excellent performance can be achieved at usage levels as low as 1%
- Promotes adhesion for water and solvent-based coatings and for adhesive systems as well
- Improves scrub resistance and reduces water sensitivity

Typical Physical Properties:

Item	Range
Chemical type	Cyclic heteroalkyl methacrylate
Appearance	Clear light yellow Liquid
Solids, weight %	25
Carrier	MMA
As supplied viscosity, cP	<50
Density, lb/gallon	9.0-9.2
Inhibitor	100 - 250ppm

* Data presented above are typical values and should not be construed as specifications.

Application:

All-acrylic, vinyl-acrylic and styrene acrylic latexes and resins for coatings, textile, adhesive, metal and concrete surface protection applications.

Storage

Subject to appropriate storage under the usual storage and temperature conditions, this product is durable for 12 months at max.25°C from date of delivery.

When considering the use of any RICKMAN product in a particular application, you should read and understand our Safety Data Sheet (SDS) before using this product and ensure that the use you intend can be conducted safely. RICKMAN sends SDS with shipment of all of our products. The SDS contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products.