

Product Information

Product Name: Wet Adhesion Monomer M108

M108 is a specialty monomer. It can be incorporated into all-acrylic, vinyl-acrylic and styrene-acrylic emulsion copolymer binders for coatings to provide outstanding wet adhesion and improved scrub resistance. M108 contains mainly cyclic heteroalkyl methacrylate and is a high performance ureido based adhesion promoting monomer.

Features and Benefits:

- Active component in water
- Readily copolymerizes for ease of incorporation
- Excellent performance can be achieved at levels as low as 1%
- Promotes adhesion in water and solvent-based coatings and for adhesives systems
- Improves scrub resistance and reduces water sensitivity

Typical Physical Properties:

Item	Range
Chemical type	Cyclic heteroalkyl methacrylate
Appearance	Clear yellow Liquid
Solids, weight %	50
Carrier	Water
As supplied viscosity, cP	<50
Density, lb/gallon	9.2-9.4
Inhibitor	100 - 250ppm

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

Dosage and Incorporation:

Recommended use levels can vary from 0.25 to 2% of latex solids, depending on the systems for different applications. It can be normally incorporated during emulsion polymerization. The appreciation of the functionality depends also on the detailed process of emulsion polymerization.

Application:

All-acrylic, vinyl-acrylic and styrene acrylic latexes for coatings, textile and adhesive applications, and for application of cement concrete surface protection.

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.