



## ACRYSOL™ RM-2020 NPR Rheology Modifier

### Description

ACRYSOL™ RM-2020 NPR Rheology Modifier is a nonionic, solvent-free\*, hydrophobically modified ethylene oxide urethane (HEUR) rheology modifier that offers excellent flow and leveling, film formation, gloss development and high shear (film build) viscosity in interior and exterior latex paints.

Features	Benefits
Excellent application properties	Excellent brush drag, film build, spatter resistance, syneresis resistance
Excellent finished paint appearance	Excellent flow and leveling, hiding, uniform film formation and gloss development
Solvent-free, water based	Low odor, low VOC applications
Provided as low viscosity liquid	Easy to handle and incorporate during manufacturing process
Biostable	Formulated to resist microbial contamination

### Typical and Physical Properties

(These properties are typical but do not constitute specifications).

Property	Typical Values
Appearance	Hazy white to off-white liquid
Solids content	20%
Solvent	Water
Brookfield Viscosity, as supplied, 25°C	3,000 cP, max
Density, lb/U.S. gallon	8.7

### Application

ACRYSOL™ RM-2020 NPR Rheology modifier is particularly suited to be used with a KU efficient rheology modifier such as ACRYSOL RM-12W or RM-8W to reach a desired balance of high and low shear viscosity in flat through gloss formulations. When used in combination with small particle size hydrophobic binders in high gloss through semigloss acrylic paints, ACRYSOL RM-2020 NPR can be used as a sole thickener.

ACRYSOL RM-2020 NPR Rheology Modifier is supplied as a low viscosity liquid that can be diluted with water if desired.

\*manufactured without added solvent

**Handling  
Precautions**

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

**Storage**

Store products in tightly closed original containers at temperatures recommended on the product label.

**Disposal  
Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.

**Chemical  
Registration**

Many countries require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. Dow does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

**Product  
Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

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**Contact:**

North America: 1-800-447-4369  
Latin America: (+55)-11-5188-9000  
Europe: (+800)-3-694-6367  
Asia-Pacific: (+800)-7776-7776  
<http://www.dowcoatingmaterials.com>

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