



## ACRYSOL™ RM-244 Nonionic Associative Thickener For Additive Applications

### Regional Product Availability

- North America

### Description

ACRYSOL™ RM-244 Nonionic Associative Thickener is a solvent-free\*, hydrophobically modified ethylene oxide urethane (HEUR) rheology modifier based on proprietary Acid Suppression technology for an excellent balance of properties. This KU-building associative thickener offers formulators an excellent balance of sag resistance in tinted paints, flow and leveling, and gloss development for interior and exterior paints. ACRYSOL RM-244 also contributes ICI viscosity allowing the reduction of ICI builder concentration in most formulations.

ACRYSOL RM-244 Associative Thickener should be added under good mixing conditions to ensure complete incorporation into the formulation. ACRYSOL RM-244 is supplied at low pH and therefore can slightly decrease the pH of the paint formulation. Extra base may need to be added to the paint formulation to insure the final pH target is reached. We recommend that this extra base be added prior to the addition of ACRYSOL RM-244.

### Features and Benefits

Features	Benefits
Outstanding application properties	Good thickening efficiency, spatter resistance
Excellent finished paint appearance	High sag resistance with excellent flow and leveling
Solvent free*, water based, no VOC intentionally added	Low odor, low VOC applications
Provided as low viscosity liquid	Easy to handle and incorporate during manufacturing process
Excellent viscosity stability	Minimal potential for microbial contamination

### Typical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Appearance	Hazy liquid
Solids, %	18
Solvent	Water
Brookfield Viscosity, cP	3000 max as supplied
pH	3.5
Density, lbs/US gal	8.64

\*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.
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