



ACRYSOL™ SCT-275 Rheology Modifier

Description

ACRYSOL™ SCT-275 Rheology Modifier is an efficient nonionic polyethylene oxide (HEUR) associative rheology modifier which can impart excellent rheological properties including flow and leveling, uniform film formation and film build, to latex based coatings.

ACRYSOL SCT-275 Rheology Modifier is recommended for use in flat to semigloss paints and primers for both exterior paints and premium interior paints. It is especially suited to replace or be blended with conventional cellulosic thickeners where improved flow and leveling, increased hiding, and spatter resistance is desired.

ACRYSOL SCT-275 Rheology Modifier is particularly suited for low solids, vinyl acrylic formulations where it yields excellent flow/sag balance, color acceptance, and syneresis resistance.

ACRYSOL SCT-275 Rheology Modifier is supplied as a low viscosity liquid that is easy to handle and incorporate in the paint making process.

Features	Benefits
Excellent application properties	Good in-can appearance, excellent thickening efficiency, spatter resistance and film build. Resistance to syneresis
Excellent finished paint appearance	Improved flow and leveling, uniform edge coverage and film formation
Provided as low viscosity liquid	Easy to handle and incorporate during manufacturing process
Stable	Formulated to resist microbial contamination

Typical Physical Properties

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

Property	Typical Values
Type	Nonionic HEUR
Appearance	White to off-white hazy liquid
Solids content, %	17.5%
Solvent	water/Diethyleneglycol monobutyl ether
Brookfield LVF viscosity as supplied 25°C (#3 spindle, 20 rpm)	2500 cP
Density, lb/U.S. gallon	8.6
Bulking Value, gallon/lb	0.1163

**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.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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884-00204-0113-NAR-EN-CDP
03/2013, Rev. 0