



## ACRYSOL™ DR-1 Thickener

Hydrophobically Modified Alkali-Soluble Anionic Associative Thickener For Latex Paints

### Regional Product Availability

Asia-Pacific

### Description

ACRYSOL™ DR-1 Thickener is a synthetic, liquid thickener that offers a low cost/high performance alternative to cellulosic thickeners in interior flat latex paints. ACRYSOL DR-1 Thickener provides application and feel properties very similar to medium grades of cellulosic and hydrophobically modified HEC thickeners with excellent resistance to roller spattering and improved leveling in most formulations. ACRYSOL DR-1 Thickener is easy to handle and incorporate during the paint manufacturing process and is highly resistant to microbial attack.

ACRYSOL DR-1 Thickener is part of the Designed Rheology product line which provides customized rheology based on key components.

### Application

ACRYSOL™ DR-1 Thickener has been designed for use in a wide range of latex paint formulations for excellent performance. ACRYSOL DR-1 Thickener facilitates the formulation of vinyl acrylic low sheen interior paints, including above CPVC, low volume solids paints. In these paints, it offers a cost-effective alternative for cellulose. ACRYSOL DR-1 Thickener is supplied as a low viscosity liquid that is easy to pour and pump.

### Key Features

- Excellent thickening efficiency
- Good Paint Stability
- Provided as low viscosity liquid
- Bio-stable

### Benefits

- Facilitates the formulation low formulation cost paints
- Excellent spatter resistance, good roller transfer and improved water resistance.
- Creamy in-can appearance and stable viscosity
- Easy to handle and incorporate during manufacturing process
- Resistance to microbial and enzyme attack

### Typical Properties

(The following properties are typical but do not constitute specifications).

Property	Typical Values
Appearance	Opaque, white to off-white liquid
Solids, by weight, %	30.0
Density (g/ml), wet	1.06
pH	4.5
Viscosity (Brookfield #1, 60 rpm), cps	< 100
Stabilization	Anionic
Storage precautions	Protect from freezing

## 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

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 within the Asia-Pacific 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.

## Note on Asia-Pacific Product Line

Product availability and grades vary throughout the countries in Asia-Pacific. Please contact your local Dow Coating Materials representative for further information and samples.

## Product Stewardship

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## Customer Notice

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