



PARALOID™ AU-685HS

High-Solids Industry Standard Type Polyol Resin

Description

PARALOID™ AU-685HS resin is a high-solids acrylic polyol designed to produce excellent low VOC (2.8 lbs/gal) coatings for light to medium-duty maintenance, GIF, and auto refinish applications.

Coatings based on PARALOID AU-685HS acrylic polyol exhibit high gloss and strong retention of gloss on exterior exposure, very good chemical and solvent resistance, and water-white color for clean, bright finishes. They also have good adhesion, corrosion resistance, and hardness/flexibility balance.

Typical Physical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Solids, Weight %	80
Viscosity, cps @ 25°C	9,500
Solvent	n-butyl acetate
Hydroxyl Equivalent Weight, solids basis	800
Density, lbs/gal @ 25°C, as supplied	8.6

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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