



## PARALOID™ B-99 (50%) PARALOID XR-34 (50%)

### Thermoplastic Solution Resin

#### Description

PARALOID B-99 and PARALOID XR-34 are effective pigment dispersants. They may also be blended with alkyds or nitrocellulose to improve the drying speed, gasoline resistance, and durability characteristics of the coating. They also provide significant upgrades to the gloss and hardness of other acrylic resins and other film formers when used as the grinding medium. PARALOID XR-34 is a slightly harder resin than PARALOID B-99.

PARALOID B-99 resin is supplied at 50% solids in a toluene/xylene mixture. It is also available as a solid grade—PARALOID B-99N. PARALOID XR-34 resin is supplied at 50% solids in xylene.

#### Typical Physical Properties

These properties are typical but do not constitute specifications.

	PARALOID B-99	PARALOID XR-34
Solids, Wt. %	73	50
Solvent	Xylene/Toluene (70/30)	Xylene
Density, 25°C, lb/gal	8.4	8.5
Viscosity, 25°C, cP	21004200	20004000
Flash Point, °C	6 PMCC	24 PMCC
Molecular Weight, Wt. Avg.	15,000	30,000
Solubility Parameter	9.4	9.1
Tg, °C	80	78
Ultimate Hardness of Clear Films, KHN	1415	1415
Chemical Composition	MMA/BMA Copolymer	MMA/BMA Copolymer

#### Safe Handling Information

The Dow Chemical Company Material Safety Data Sheets (MSDS) contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Under the OSHA Hazard Communication Standard, workers must have access to and understand MSDS on all hazardous substances to which they are exposed. Thus, it is important that you provide appropriate training and information to your employees and make sure they have available to them MSDS on any hazardous products in their workplace.

The Dow Chemical Company sends MSDS on non-OSHA-hazardous as well as OSHA-hazardous products to its customers upon initial shipment, including samples. If you do not have access to one of these MSDS, please contact your local Dow representative for a copy.

Updated MSDS are sent upon revision to all customers of record. In addition, MSDS are sent annually to all customers receiving products deemed hazardous under the Superfund Amendments and Reauthorization Act.

MSDS should be obtained from suppliers of other materials recommended in this bulletin.

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