

PARALOID™ A-101 Thermoplastic Solution Resin

Description

PARALOID A-101 resin is a very hard methyl methacrylate polymer supplied at 40% solids in MEK. PARALOID A-101 has the same polymer composition as PARALOID A-10S which is supplied at 30% solids in PM Acetate, a slower solvent.

PARALOID A-101 resin is recommended for clear coatings on vinyl, metal, and wood; gravure printing inks; plastisol primers; and barrier coatings for plastic. PARALOID A-101 has excellent adhesion to plastic; is fast drying; has excellent durability; and is highly resistant to water, grease, salt spray, and gasoline.

As with all hard PARALOID thermoplastic resin coatings, the best gloss and adhesion are obtained if films are force dried after application.

Typical Physical Properties

These properties are typical but do not constitute specifications.

Solids, Wt. %	40
Solvents	Methyl Ethyl Ketone
Density, 25°C, lbs./gal.	7.8
Viscosity, 25°C, cP	3000-6500
Flash Point °C	-3.9 TCC
Molecular Weight, Wt. Avg.	100,000
Solubility Parameter	9.4
Tg, °C	105
Ultimate Hardness of Clear Films, KHN	21-22
Chemical Composition	MMA polymer

Health and Safety Information

Rohm and Haas 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.

Rohm and Haas Company sends MSDS on non-OSHA hazardous as well as OSHA-hazardous products to its customers upon initial shipment (including samples) of all its products (whether or not they are considered OSHA-hazardous). If you do not have access to one of these MSDS, please contact your local Rohm and Haas representative for an additional 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 your suppliers of other materials recommended in this bulletin.

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