

MATERIAL SAFETY DATA SHEET

IBM® Pure Acrylic Co Polymer

Overview

For gloss paints with improved application. This Binder is a pure acrylic gloss enamel binder providing improved application properties (flow and leveling) versus conventional acrylic polymers. Pure Acrylic Copolymer uses ambient temperature cross-linking to offer improved film performance versus conventional polymers. It has a high gloss potential, excellent hardness development and durability for interior and exterior applications. It is: APEO free, very good applicability, flow and leveling and improved open time, very good gloss potential, good hardness development and block resistance, very good exterior durability, excellent alkyd adhesion and good stain & grease resistance.

Description

Pure Acrylic Copolymer is water based APEO free & Formaldehyde free Pure Acrylic Co-Polymer emulsion. It is a surfactant stabilized, very fine particle size, with excellent binding & good wet scrub properties. It has very good UV resistance & color retention properties. Pure Acrylic Copolymer can be used for producing High Sheen / High Gloss premium quality emulsion paint for both exterior & interior applications.

Uses

Pure (MMA Based) acrylic emulsions are widely utilized in the formulation of the following industrial and consumer end-use products such as:

- Architectural decorative coatings for interior and exterior use.
- Industrial coatings, including wood stains, window frame coatings, furniture and parquet varnishes, metals and plastic coatings.
- Building materials.
- Non-woven, high-loft applications.
- Glass-fiber secondary binders for tissues and veils.
- Pure Acrylic Copolymer.

TECHNICAL DATA SHEET

IBM® Pure Acrylic Co Polymer

Technical Details	• Appearance	: Bluish Translucent Emulsion.
	• Solid Content	: 50 ±1%
	• Viscosity. (Brookfield RVT, spindle#3/20 rpm@25°C)	: 2 - 5 Poise.
	• pH	: 7.5 – 8.5
	• Specific Gravity	: 1.06 ±0.01
	• Particle Size	: 0.1 - 0.15 μ
	• MFFT	: 18 ±1 °C Film
	• Properties	: Hard, Glossy & Non-Tacky.

Handling & Safety Pure Acrylic Emulsion is water-based emulsion & is non-toxic under normal use conditions.

Storage Condition Pure Acrylic Copolymer should be stored in the original and unopened containers for no longer than 6 months at a temperature between 5 and 40°C. Container once opened should be shut tightly to prevent contamination. Pure Acrylic Copolymer contains biocide for protection during storage, but also it is strongly recommended that additional biocide to be added to the formulated products to ensure proper bio-protection.

**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 IBM 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. IBM does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

**Product
Stewardship**

IBM 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 IBM products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

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

Notice: No freedom from infringement of any patent owned by IBM or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where IBM is represented. The claims made may not have been approved for use in all countries. IBM assumes no obligation or liability for the information in this document. References to "IBM" or the "Company" mean the IBM legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.