

Acrylite 04-603

 Acrylic Emulsion Polymer

DESCRIPTION

ACRYLITE 04-603 is a pure acrylic binder specifically designed to cater a broad range of paint formulations with long term durability. It has a small particle size that allows it to exhibit high thickening response with associative rheology modifiers. Paints based on **ACRYLITE 04-603** demonstrate excellent wet and dry adhesion in various substrates, outstanding resistance to alkali, abrasion and dirt pick-up, and has excellent film toughness.

FEATURES

- Excellent film toughness
- Very good scrub resistance
- Excellent resistance to dirt pick-up
- Very good flow, film build and leveling
- Outstanding weather and chalk resistance
- Excellent wet and dry adhesion to aged alkyd paints, masonry, wood and metal substrates.
- High thickening response to rheology modifiers

APPLICATIONS

Recommended for use as binder in the following:

- interior / exterior flat, semi-gloss, gloss paints
- gloss roofing paints

USAGE

Mix well before using. This product is heat sensitive. It should be added in the mixture with a temperature of 40°C or below.

RECOMMENDED STORAGE

6 months to 1 year from date of production provided it is stored away from sunlight and with proper ventilation. Store in a cool, dry place

PACKAGING

Available in 200-Kg steel drums and 1000-Kg plastic totes

MATERIAL SAFETY HANDLING INFORMATION

Acrylite Emulsions are non-hazardous. However, the usual precautions for handling chemicals must be observed. These include the control measures like good ventilation and fume extraction at the workplace and use of personal protective equipment.

"Chemrez has Safety Data Sheets (SDS) for each of its products. The SDS contain relevant information needed to safeguard your employees from known safety and health hazard related with our products. Chemrez provides you SDS for all the products you evaluate or buy. It is also necessary that you get copies of the SDS of the other raw materials recommended in our technical bulletins from the suppliers. Your employees should have ready access to and be trained well on the proper use of SDS."

PRODUCT PROPERTIES

Properties	Test Method	Values
Appearance	Visual	Translucent
Viscosity at 25°C, cP (Spindle #2, 60 rpm)	ASTM D2196	100 – 500
pH at 25°C	ASTM E70	8.50 – 10.50
Density at 25°C, g/mL	ASTM D1475	1.05 – 1.07
% Non-Volatile, by wt.	ASTM D2369	48.00 – 51.00
MFFT, °C	ASTM D2345	14 – 18
T _g , °C	ASTM D3418	23
Particle Size, nm	ISO 22412	105 – 150
Mechanical Stability	In-house	Good