

Acrylite 04-747 Modified Acrylic Emulsion for Efflorescence Prevention

DESCRIPTION

ACRYLITE 04-747 is a Chemrez – engineered polymer designed to address efflorescence problem. It is an aqueous dispersion of an acrylate copolymer which is very resistant to water and hydrolysis of alkali. It provides a flexible film with superb adhesion and film toughness.

For flat latex applications, ACRYLITE 04-747 exhibits superior scrub resistance as compared to styrene-acrylic emulsion.

FEATURES

- Outstanding water resistance
- Dust – proofs concrete surfaces
- Outstanding wearability
- Protects against moisture and water penetration
- Superior scrub resistance
- Good alkali resistance
- Environment – friendly
- Stops concrete from chalking

APPLICATIONS

Recommended for use as binder in the following:

- Flat latex paint
- Concrete primers and sealers
- Textured paints
- Concrete protection coating
- Eggshell to semi-gloss paint
- Roofing paints

Acrylite 04-747 can be applied in production of paints by conventional method. Load it cautiously in the letdown stage.

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.

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 Material 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 #3, 60 rpm)	ASTM D2196	300 – 1000
pH at 25°C	ASTM E70	7.00 – 9.00
Density at 25°C, g/mL	ASTM D1475	1.00 – 1.05
% Non-Volatile, by wt.	ASTM D2369	49.00 – 51.00
MFFT, °C	ASTM D2354	14.00
Particle Size, nm	ISO 22412	115 – 155