

**VA- 542**

**VA-542** is a Vinyl Acetate acrylic copolymer emulsion with high water resistance designed for use as a binder in water based paints and coatings.

**VA-542 Typical Properties :**

Solids Content	54±1%
Viscosity at 25°C LVT 3/12	3000-7000 cps
PH	4.0-5.0
Particle Size	0.5-0.75 microns
Specific Gravity at 25°C	1.05
Surfactant Type	Anionic/Nonionic
Freeze/Thaw Stability	Unstable
Minimum Film Formation Temperature	+6°C
Tg	18.84°C

**Film Properties :**

**VA-542** forms a colorless, glossy, tough, flexible film. It has high tensile strength and wet abrasion resistance.

**Application :**

**VA-542** can be used in a wide range of emulsion paint formulations, for flat interior and exterior paints with excellent water abrasion resistance.  
Flexible textured coatings, crack fillers and putties.

**Packaging :**

200-kilo lacquer lined metal drums with polyethylene inner liner, 1-ton polyethylene container.

**Storage :**

**VA-542** can be stored in original containers it is supplied in. Store in shade and protect from freezing. Further Information about safe handling of this product can be found in the publication, "B.G. Polymers Safety Data Sheet".

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