



Product Information

Aquarez PVB DP415-185

Provisional Product Description

Aquarez PVB DP415-185 is a water-based dispersion of a Polyvinyl Butyral plasticised with castor oil, suitable for use in coating and adhesive applications. Based on higher molecular weight polymer it imparts superior tensile strength and forms a tough, transparent film when dried at room temperature. It has excellent adhesion to many substrates, including glass, wood and metal. It is suitable for use in Protective Coatings, Strippable Coatings and as a Textile Binder.

Product Features

- Zero VOC content
- Film former
- Low viscosity
- Free of APEO surfactants
- Increased water resistance
- Resistant to heat and UV
- PVB: Plasticiser ratio 2:1
- Good storage stability & low sedimentation.
- Good compatibility with Waterbased polymer dispersions

Typical Properties (provisional)

- Total solid content 46%
- Active solid content 43%
- Viscosity <1000 cps
- pH 9-10
- Particle size <4µm
- Specific Gravity 0.95 – 1.05

Application & Dosage

This product can be used as-supplied, or can be further formulated with compatible waterborne resin dispersions, thickeners, pigments and cross-linkers in coatings, adhesives and sealants. Its excellent tensile strength and cohesive properties make it ideally suited for the formulation of temporary protective coatings for metals, glass, composites and plastics.

Packaging and Storage

Aquarez PVB DP415-185 can be supplied in 200Kg HDPE Drum and 1000Kg Intermediate Bulk Container. The product should be stored in dry, cool conditions away from heat or direct sunlight and it must be protected from freezing. Periodic, slow speed mechanical agitation is recommended when storing and using this product.

The recommendations made above are general in nature...Although every effort has been made to supply reliable data, it is for informational purposes only. We cannot guarantee the results as stated to be obtained since we have no control over the end use of the material. Each user must make their own tests to determine the suitability of the material for their own use. Nothing contained herein is intended as a recommendation to use our products to infringe any patent