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PRODUCT DATA SHEET

BFB DRE 70 Dispersed Rosin Ester

BFB DRE 70 is a unique waterborne resin dispersion for pressure sensitive adhesives. It is compatible with acrylics and carboxylated SBR lattices. PSAs formulated with BFB DRE 70 will have aggressive tack and peel, as well as excellent shear properties even after ageing. It is covered under 21 CFR 175.105.

PRODUCT PROPERTIES

Appearance: White dispersion
Base Resin Softening Point, Ring & Ball: 60 – 70
pH: 7 – 8.5
Viscosity, SNB-AI 180 rpm @ 25°C, mpa.s: 100 - 800
Solids, %: 50 – 54
Average particle size, nm: 190

FEATURES

Good uv-aging properties & good color retention, excellent pigment wetting, solvent – free, free of protective colloids. Excellent adhesion to both polyolefin & carbon board substrates.

Compatible at all ratios, or in limited but practically useful proportions, with lattices & other aqueous systems of SBR, NBR, butadiene, isoprene, butyl & neoprene synthetic rubbers; polyacrylic emulsions, EVA copolymers & ethylene-vinyl acetate-acrylate terpolymers. When mixed with cationic substances BFB DRE 5108 may precipitate. When strongly alkaline or acidic additives are added to it, gross localized pH variations should be avoided as these can lead to destabilization & grit formation.

SUGGESTED APPLICATIONS

Tackifier for water based adhesives and PSAs for tapes & labels.

AVAILABLE FORMS/PACKAGING

1. Liquid, in 200kg drums.
2. Liquid in 1,000 kg IBC tanks.

SAFETY INFORMATION

Please refer to **Material Safety Data Sheet**.