

Acronal[®] 3633

Chemical Nature

APEO-free, aqueous adhesive dispersion of an acrylate copolymer containing carboxyl groups for use in flooring adhesives

Properties

Typical properties

Solids content	%	~ 60.0
pH		~ 7.5
Viscosity at 23 °C (Brookfield RV, Spindle #3, at 50 rpm)	cps	~ 500

Other properties of the dispersion

Density	g/cm ³	1.04
Dispersion Type		Anionic
Freeze/thaw stability		Not stable

Applications

Features

Acronal 3633 is an aqueous all-acrylic pressure sensitive dispersion designed for adhesives used to install luxury vinyl tile and plank. Adhesives manufactured with Acronal 3633 exhibit excellent peel and shear properties under high alkali moisture conditions. Flooring adhesives formulated with Acronal 3633 also feature quick drying times, contributing to faster installation and reduced labor cost.

Processing

Acronal 3633 exhibits moderate self-thickening when neutralized to pH levels above 8.0, resulting in potential thickener cost savings. We recommend adding a preservative to adhesives that contain Acronal 3633 to protect them from microbial attack, particularly if their pH lies in the neutral range. The suitability of such additives must be verified and monitored in trials. Commercially available antifoams are suitable for suppressing foam. The amount required must be determined in trials, though usually 0.05 - 0.2%, expressed in terms of the adhesive, is sufficient.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Acronal 3633.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

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