



Spectratite UA series

UV Curable Cationic Adhesive for Polypropylene Bonding

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Description

Spectratite UA is a series of clear UV curable cationic adhesives designed for rapid bonding and eventual strong adhesion of treated polypropylene

Features

100% solids, no VOC
Low viscosity for anilox gravure application
Fast initial bonding when exposed to UV light from various UVB-UVA light sources
Tackfree strong permanent bonding
Good bond clarity
Room temperature cure, no post-cure necessary

Uncured Adhesive Properties

Color	Transparent, colorless to slightly yellow liquid
Viscosity @ 25°C	Adjustable
Density (g/ml)	1.12
Shelf life	12 months @ 25°C in original containers protected from light
Flash point	52°C (126F)

This material will normally be shipped at ambient conditions with proper labeling, the recommendation is to place the material into its intended storage upon receipt to secure shelf life. The product is **Light Sensitive!**

Handling

Mixing – One component – requires no mixing

Application

Applying - Bonding surfaces should be clean, dry and properly prepared. Polypropylene surfaces should be prepared using corona treatment. In-line corona treatment may further boost adhesion on commercial corona treated substrates. Anilox gravure printing, roll or curtain coating are acceptable application methods.

Curing – metal halide, various doped mercury vapor bulbs, Xe gas filled bulbs. The speed of cure to tack free or fully cured state depends on the UV intensity emitted by the source and the distance between the source and the substrate.

Physical Performance of Fully Cured Adhesive

Adhesion polypropylene-to-polypropylene

Destructive Bonding

Handling Precautions

Do not handle or use until the Material Safety Data Sheet has been read and understood. For industrial use only.

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General:

CAUTION! This material may cause eye and skin irritation or allergic dermatitis. Use this product with adequate ventilation!! Do not get in eyes or on skin. Avoid breathing the vapors. Wash thoroughly with soap and water after handling. Empty containers retain product residue and vapors so obey all precautions when handling empty containers.