



## SPC-1121

### UV Primer/Tiecoat for Plastic, Matte

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#### **Description**

**SPC-1121** is a one-part, acrylate based matte coating cured using UVA light via a free-radical polymerization mechanism. **100% solids** (No VOC).

#### **Features**

UV primer/tiecoat for plastic (especially Polyester or Mylar)  
Fast and fully cured when exposed to UV light from various UVA sources  
100% solids, No VOC  
Matte

#### **Uncured Coating Properties**

Color	Clear, matte
Solids Content	100% solids, no VOC
Viscosity @ 22°C	5,200 cps
Flash Point	> 93°C/200°F
Dry Film Thickness per coat	1 mil or less
Mix Ratio	One Pack, no mixing required; stir before application
Thinner	Not Required
Curing Conditions	UVA Light Irradiation
Cure Time	Fusion UV H-Bulb, ~ 300 mJ/cm <sup>2</sup> Fusion UV D-Bulb, ~ 300 mJ/cm <sup>2</sup>
Recoat Time, if necessary	Ready immediately
Use example	To promote attachment of photopolymer printing plate to plastic substrate

## **Handling**

**Mixing** – one component – requires no mixing

## **Application**

Applied over	Polyester or Mylar (treated polyester ensures better adhesion)
Method of Application	Roll, spray (solvent dilution is necessary)
Surface and air temperature	60-90°F

## **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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**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.