

## NovaCryl™ 3797

### Acrylic Latex Adhesive for Lightly-Removable Pressure Sensitive Applications Complies with FDA 21 CFR 175.105

#### Description

**NovaCryl 3797** adhesive can be used alone or in formulated adhesives for light-removable to removable applications. When dried, this adhesive leaves a clear, colorless film, which is very soft, flexible and slightly tacky at room temperature. **NovaCryl 3797** is compatible with many formulating ingredients such as wetting aids, viscosity modifiers, etc. This adhesive is light-removable from smooth surfaces but should be thoroughly tested in actual end-use conditions to ensure that the desired performance is achieved.

#### Typical Dispersion Properties

Property	Typical Value
% Solids	59 – 61%
Viscosity (Brookfield, #2 Spindle, 60 RPM)	< 3000 cps
Glass Transition Temperature (Tg) Calculated	-43°C
Ionic Character	Anionic
pH	2.1 – 3.1
Pounds/Gallon	8.6
Specific Gravity	1.04
Surface Tension	48 dynes/cm
Average Particle Size	200 – 500 nm
Mechanical Stability	Good

#### Typical Adhesive Properties

Property	Test Method	Typical Value
180° Peel Adhesion, Stainless Steel	PSTC 101 - after 30 minutes - after 24 hrs - after 1 week	0.8 pounds/inch 0.8 pounds/inch 0.9 pounds/inch
Loop Tack, Stainless Steel	PSTC 16	1.0 pounds/inch width
Static Shear, Stainless Steel ½" x ½", 500 gram load	PSTC 107	> 100 hours

All adhesion testing was done on direct coated 2 mil polyester facestock, no latex modifications.  
Target coating weight = 22 g/m<sup>2</sup>.

#### Coater Ready Products

NovaCryl 3797 A – Wetting Aid Added  
 NovaCryl 3797 B – Wetting Aid, Defoamer Added  
 NovaCryl 3797 C – Wetting Aid, Defoamer Added, Adjust Viscosity/Solids

#### NOTE:

Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.

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