

Introduction

SealXpert™ CA401 is α -cyanoacrylate adhesive, it does not contain solvent, but it is highly polymerize with moisture in the air for a fast cure and high bond strength. SealXpert™ CA401 is sensitive to the surface with medium viscosity and instant curing adhesive.

Typical Applications

Used for inert surfaces, difficult-to-bond material, porous, acetic surface and absorption material's bonding, such as plastic, rubber, leather, wood, clipboard paper etc.

Typical Properties of Uncured Material

	Typical Value	Range
Appearance	Transparent liquid	
Basis material	α -Cyanoacrylate Ethyle ester	
Viscosity (mPa.s) (NDJ-1A, 1# Rotor, 60rpm)	110	90-140
Specific Gravity (g/cm ³)	1.10	
Fixture (s)		<20
Flash Point (°C)		>93
Max. Gap Fill (mm)	0.10	

Typical Properties of Cured Material

Full curing time at room temperature (h)	24
Shear Strength (MPa)	22
Working Temperature (°C)	-55~83

Chemical/Solvent Resistance

Aging under the conditions below and tested at 22°C

Solvent	Tem p (°C)	%of Initial Strength		
		100h	500h	1000h
Lubricating oil	40	95	95	95
Leaded gasoline	22	100	100	100
Ethanol	22	100	100	100
Acetone	22	100	100	100
RH 95%	40	70	50	40
RH 95% (PC)	40	100	100	100

Directions for Use

For best performance, surfaces should be cleaned, dry and free from grease. Apply the product to one surface (or two surfaces), then fold and press the two surfaces instantly.

Apply the adhesive in small quantity to achieve better effect.

Notice

Keep away from children.

The product contains cyanoacrylate ester, which may irritate skin and eyes. It is recommended to use the product at a well-ventilated place.

This product can bond to the skin and eyes instantly, please wear goggle and glove while using product. In case of contact with skin, dip in tepid water and peel off the adhesive. If contact with eyes, rinse immediately with water and seek a physician.

Please refer to MSDS for more details.

Package

Item No.: CA401, 20g bottle

Storage

Store in refrigerator at 0 to 8°C.

The product shelf life is 12 months.