

OCI BHD

(Formerly Known as Orgavyl Chemical Ind. Bhd.)

TECHNICAL

OCI POWER DROP GEL

DATA

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DESCRIPTION

OCI Powe Drop Gel is a thixotropic Gel or paste -like super glue. It is a non drip formulation and will not run on vertical surfaces. It is fast to set on difficult surfaces such as leather and acetic substrates. It fills gaps and bonds both porous and non-porous materials in sseconds

APPLICATION

Where vertical surfaces with large gaps are being bonded, OCI Powe Drop Gel stays in place.

USEFUL HINTS/NOTES

Where a fast cure is needed, our A201 or the faster A113 Activators will help cure the thickness and speed cure the adhesive, however, a reduction in ultimate bond strength will be found.

PROPERTIES

Metal to Metal	.....	<40 -60 seconds
Rubber to Rubber	.....	15 seconds
ABS to Plastic	.....	<25 seconds

STRENGTH ACHIEVED ON BONDS

Metal to Metal	.....	26N/mm ² max
Rubber to Rubber	.....	15N/mm ²
Plastic to Plastic	.....	20 N/mm ²

PROCEDURE FOR APPLICATION

Apply sparingly to one side and hold parts until handling strength is achieved.

TECHNICAL FEATURES

Resin	Ethyl Cyanoacrylate
Colour	Clear Gel
Cure Speed with Activator	< 10 seconds (A113)
Cure Speed without Activator ...	< 60 seconds
Viscosity	> 50,000 cps(thixo)
Gap Fill	0.05 mm recmd
Flash Point	>85°C
Shelf Life	6 mths @ 20°C
Specific Gravity	1.08
Max. Operating Temperature ...	- 50 °C to 82°C

CURED PERFORMANCE

Cure Time	24 hours
Tensile Strength	25 N/mm ² max
Max gap with Activator	1 mm
Max gap without Activator	0.2mm

STORAGE

Store in a cool area out of direct sunlight. Refrigeration to 5°C gives optimum storage stability.

HEALTH & SAFETY IN USE

DANGER - OCI Powe Drop Gel bonds skin and eyes in seconds.

If accidental skin bonding happens wash with warm soapy water and prise skin apart using a blunt instrument (such as a teaspoon handle).

In case of eye contact, bath immediately with water and seek immediate medical attention.

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