

OCI BHD

(Formerly Known as Orgavyl Chemical Ind. Bhd.)

TECHNICAL

OCI POWER DROP

DATA

(General Purpose : Instant Bond)

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DESCRIPTION

OCI Power Drop is a Ethyl based Cyanoacrylate which bonds almost immediately on contact. It works well on both porous and non-porous material and also works on more materials than the regular super glues.
OCI Power Drop a general purpose super glue designed to bond most metals, plastics, elastomer, wood, textile, etc. Performance speeds are slower giving time for alignments.

APPLICATION

Typical applications include wood trim on furniture, balsa wood booding for hobbyists, leather accessories on shoes, fabric bows on shoes and lampshade bonding. Other features include versatile bonding of most elastomers, metals and plastics.

USEFUL HINTS/NOTES

On elastomer bonding and some plastics, residues or release agents on surfaces should be removed by solvent.

PROPERTIES

Steel to Steel	7N/mm ²
Rubber to Rubber	10N/mm ²
EPDM to EPDM	5N/mm ²

INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

PROCEDURE FOR APPLICATION

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

TECHNICAL FEATURES

Resin	Modified Ethyl
Colour	Clear
Cure Speed with Activator	Not recommended
Cure Speed without Activator ...	15 - 30 seconds
Viscosity	80 - 120 cps
Flash Point	>85°C
Shelf Life	6 mths @ 20°C
Specific Gravity	1.05
Max. Operating Temperature ...	+ 80°C

CURED PERFORMANCE

Fixture Time	< 15 seconds
Typical Strength	10 N/mm ²

STORAGE

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

HEALTH & SAFETY IN USE

DANGER - Power Drop 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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