Born2Bond™ Light Lock 30X is a patented, low-odor, low-blooming, dual cure (contact and light), hybrid cyanoacrylate-acrylate adhesive, designed for bonding applications that require fast fixturing, coating or surface curing. UV and visible light activate both cyanoacrylic and acrylic systems, resulting in a rapid, tough and flexible bond on transparent parts and on bulk or surface-coated areas, achieving 30x more elongation than standard Born2Bond™ Light Lock. The instant bonding ensures cure between opaque substrates (contact cure).

**FEATURES**

- Dual cure formulation: instant and photo-cure
- Can be cured with visible and UV-LED light in under 5 seconds
- Fixture time in 60 seconds (without light exposure)
- High elongation, flexibility and toughness
- Long open time without activation
- Dry to touch, tack-free surface cure
- Cure-on-demand of excess material released from bondlines
- Low odor, low blooming
- Medium viscosity

**TYPICAL APPLICATIONS**

- Conformal coating
- Encapsulation
- Plastic to plastic, and plastic to metal bonding
- Bonding for jewelry, watches, perfume and liquor bottles
- Electronics and audio assembly

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### LIGHT LOCK 30X

**BASE**

Methoxethyl Cyanoacrylate/ Polyfunctional Acrylate

**VISCOSITY**

150 - 350 cP

**BOND STRENGTH**

Grit Blasted Steel - 3 MPa

**TENSILE STRENGTH (MPa - ISO 527)**

38

**ELONGATION AT BREAK (% - ISO 527)**

120

**APPEARANCE**

Transparent after cure

**TEMPERATURE RANGE**

-40°C to +60°C (-40°F to +140°F)

**AVAILABLE IN**

Bottles: 20g, 500g

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*TD and SDS available on request*

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*Depending on substrates. †Patented in multiple countries. Always use glasses and gloves when applying adhesives.

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*Born2Bond™ Instant Adhesives*
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