

LIGHT LOCK 30X



Light & Surface
(Dual) Cure



Flexible
& Elastic



Multi-substrate
Adhesion



Low
Blooming



Fast
Bonding



Gap
Filling

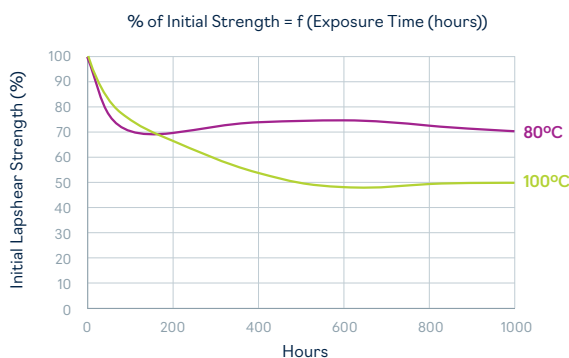
Born²Bond™ Light Lock 30X is a patented[†], low-odor, low-blooming, dual cure (contact and light), hybrid cyanoacrylate-acrylate adhesive, designed for bonding applications that require fast fixturing, coating or surface curing. UV and visible light activate both cyanoacrylic and acrylic systems, resulting 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

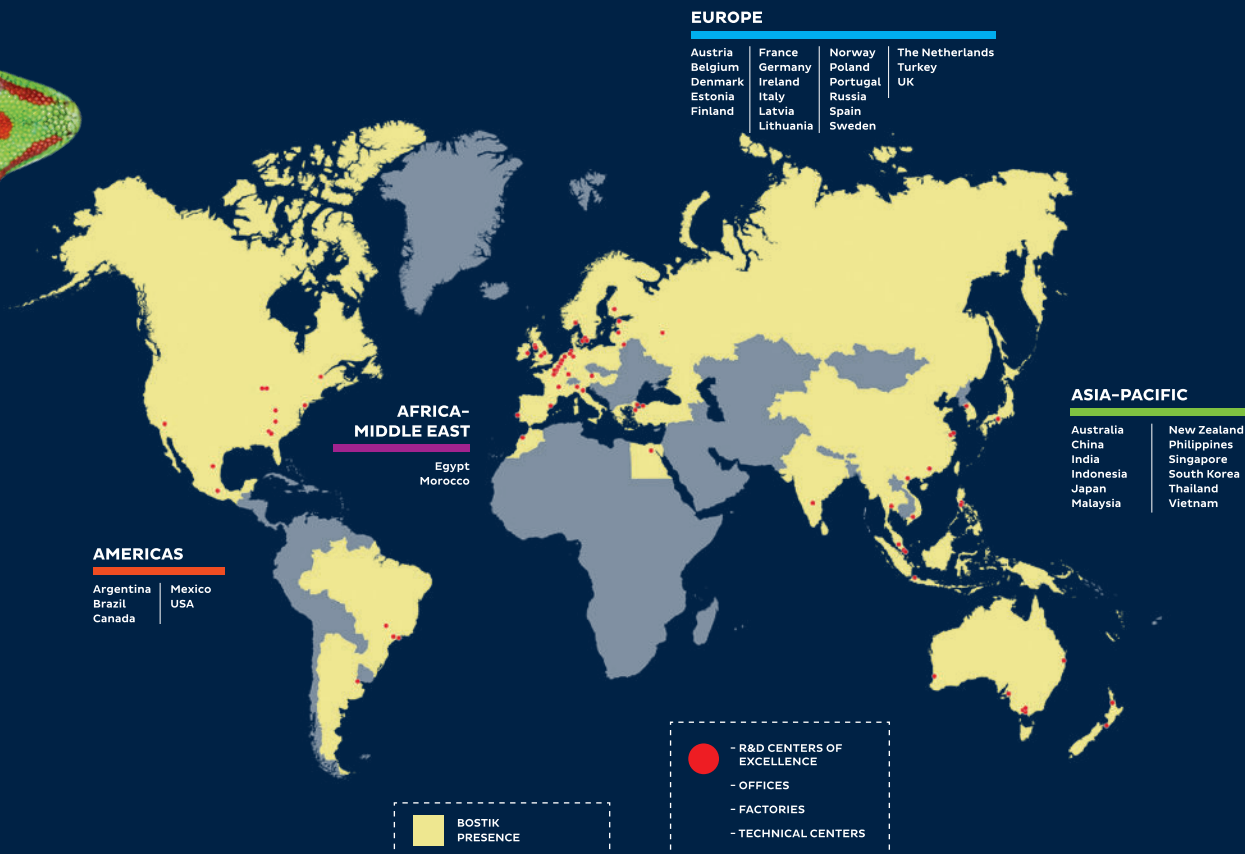
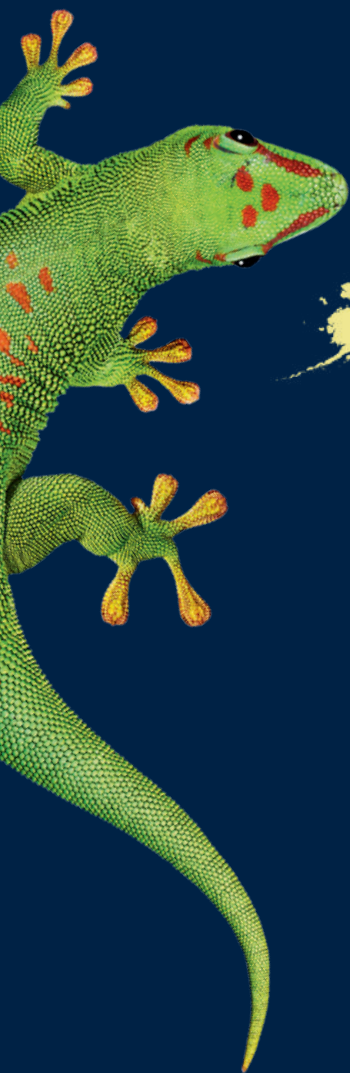


TDS and SDS available on request



LIGHT LOCK 30X

BASE	Methoxyethyl 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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