

### LIGHT LOCK 30X



Light & Surface  
(Dual) Cure



Flexible  
& Elastic



Multi-substrate  
Adhesion



Low  
Blooming



Fast  
Bonding



Gap  
Filling

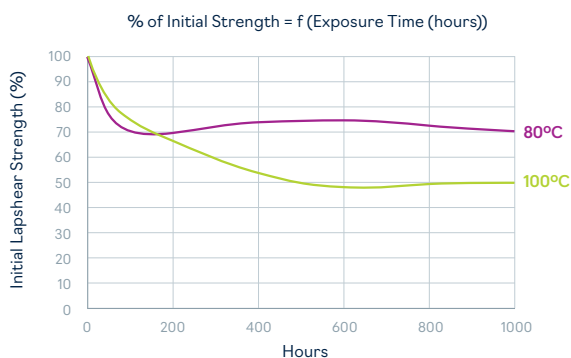
**Born<sup>2</sup>Bond™ Light Lock 30X** is a patented<sup>†</sup>, low-odor, low-blooming, dual cure (contact and light), hybrid cyanoacrylate-acrylate adhesive, designed for bonding applications that require fast fixturing, coating or surface curing. UV and visible light activate both cyanoacrylic 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 **Born<sup>2</sup>Bond™ 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

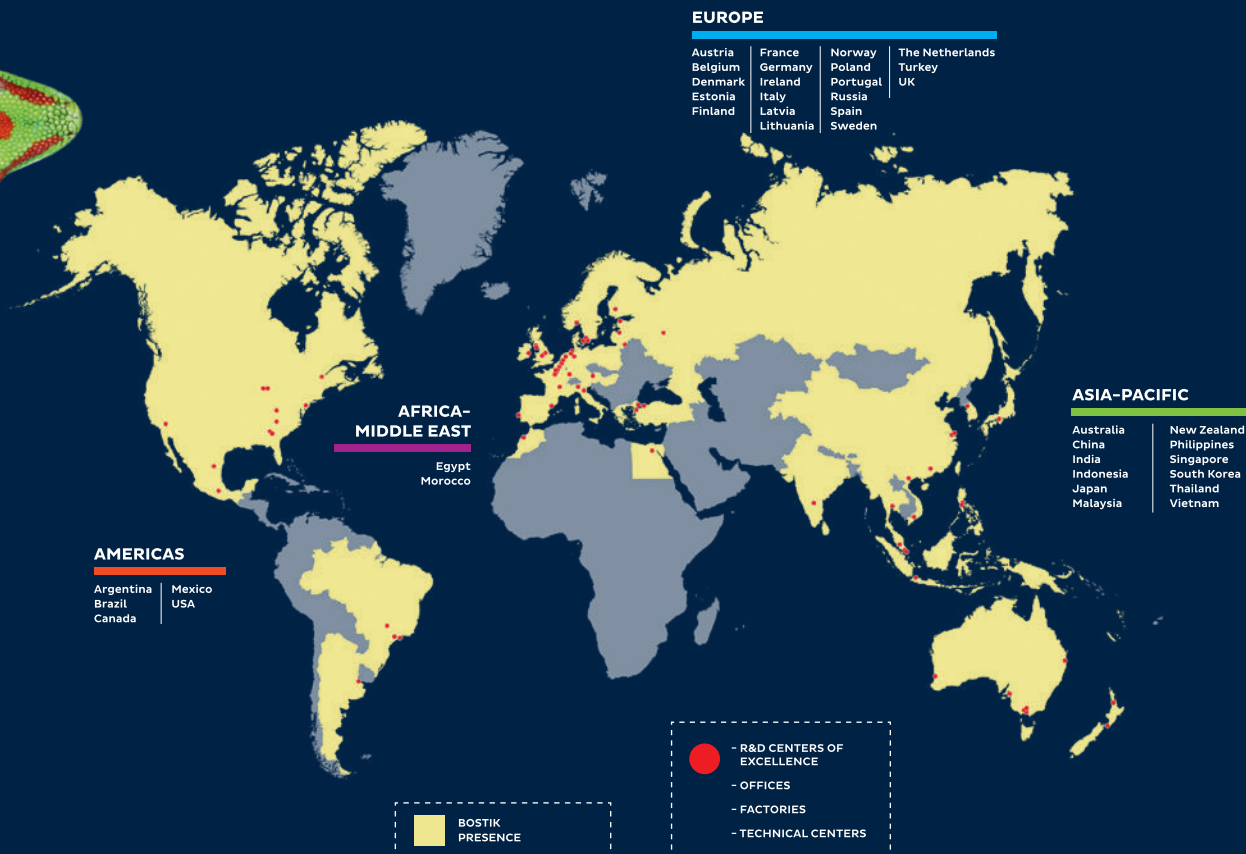
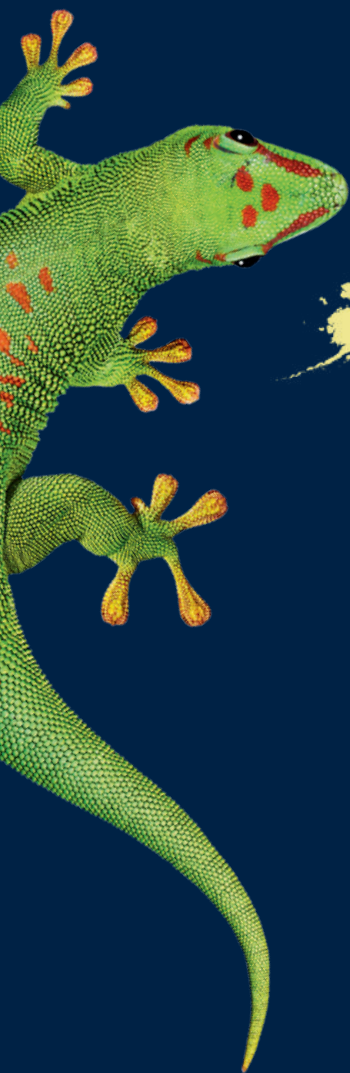


TDS and SDS available on request



LIGHT LOCK 30X

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| BASE                              | Methoxyethyl Cyanoacrylate/<br>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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