

# LIGHT-CURABLE ADHESIVES

VERSUS

# SOLVENT-BASED ADHESIVES

WHICH IS BETTER FOR YOUR APPLICATION?

Light-Curable Adhesives

Solvent-Based Adhesives

✓ Full cures in 1-30 seconds	Fast Cure Speeds	Dries fairly quick; times vary greatly based on formula
✓ Rarely an issue	Stress Cracking	Tiny cracks can occur in plastic
✓ Some odor	Odor	Strong odor with special ventilation typically required
✓ Non-flammable	Flammability	Highly flammable
Opaque materials block UV and visible light	Opaque Substrate Bonding	Not an issue ✓
✓ Accommodates large bond gaps (typically <1/4")	Gap Cure	Not recommended for larger gaps
Light-curing equipment required	Equipment	Special ventilation typically required
✓ Bonds dissimilar substrates	Bondable Substrates	Does not bond dissimilar substrates
Higher material cost per pound	Price Per Pound	Lower material cost per pound ✓
✓ Worker friendly and environmentally compliant	Overall Process	Greater environmental and worker hazards



Dymax manufactures light-curable adhesives, coatings, and maskants, as well as compatible dispensing and curing equipment. We focus on creating solvent-free materials that cure clean, green, and fast, helping engineering teams accomplish more in less time and with less negative impact on the environment.

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