

LOCTITE[®]

e ELLSWORTH
ADHESIVES

Global Distributor of Henkel LOCTITE
(800) 888-0698 info@ellsworth.com

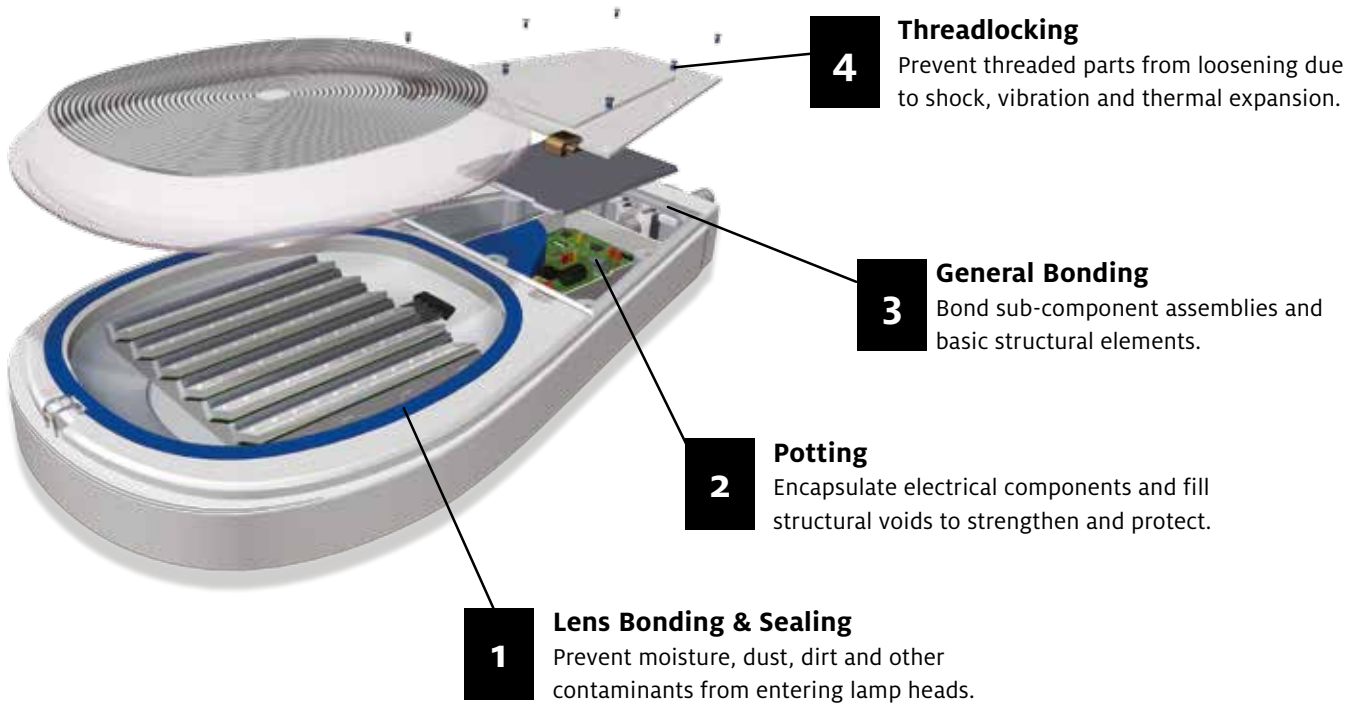
LED Compatible Solutions



Excellence is our Passion

LED Compatible Solutions

Henkel is the first adhesive and sealant manufacturer to provide a comprehensive offering of LED compatible products



New LED technologies have compatibility issues with many different types of adhesives and sealants. In some cases, the presence of these incompatible products in LED assemblies can impair the performance of LEDs. Product tests simulated below show the **superior performance of LEDs utilizing Henkel compatible products**.

PERFORMANCE TESTING COMPARISON OF HENKEL LED COMPATIBLE PRODUCTS ON CREE® TEST BOARDS



Photo 1: LEDs utilizing Henkel compatible products



Photo 2: LEDs without Henkel compatible products

DIRECT COMPATIBLE

CHEMISTRY	PRODUCT	TYPE	COLOR	AGENCY LISTING	APPLICATION
Cyanoacrylate	LOCTITE® 460™	1K	Clear	N/A	Wire Tacking/ General Bonding 3
	LOCTITE® 3092™	2K	Clear	N/A	General Bonding 3
Epoxy - Heat Cure	LOCTITE® 3981™	1K	Opaque White	N/A	General Bonding 3
Modified Silane Polymer (MSP)	LOCTITE® 5510™ Clear	1K	Clear	N/A	Lens Bonding & Sealing 1
Polyurethane	LOCTITE® U-09FL™	2K	Clear	N/A	Lens Bonding & Sealing 1 , General Bonding 3
Silicone	LOCTITE® 5092™	1K (UV)	Opaque White	N/A	Lens Bonding & Sealing 1
	LOCTITE® 5600™	2K	Black	UL 746C	Lens Bonding & Sealing 1
	LOCTITE® Superflex® Non-Corrosive Clear	1K	Clear	N/A	Lens Bonding & Sealing 1
	LOCTITE® 5611F™	2K	Grey	UL 94V-0	Potting 2
	LOCTITE® 5611S™	2K	Grey	UL 94V-0	Potting 2
	LOCTITE® 5620™	2K	Clear	N/A	Potting 2
	LOCTITE® 5623™	2K	Clear	N/A	Potting 2
UV Acrylic	LOCTITE® 3553™	1K	Clear	N/A	Lens Bonding & Sealing 1
	LOCTITE® 3972™	1K	Clear	N/A	Lens Bonding & Sealing 1
UV Cyanoacrylate	LOCTITE® 4311™	1K	Clear	N/A	Wire Tacking/ General Bonding 3
UV Epoxy	LOCTITE® 3336™	2K	Clear	N/A	Lens Bonding & Sealing 1 , General Bonding 3

INDIRECT COMPATIBLE

CHEMISTRY	PRODUCT	TYPE	COLOR	AGENCY LISTING	APPLICATION
Cyanoacrylate	LOCTITE® 455™	1K	Clear	N/A	General Bonding 3
Cyanoacrylate/Epoxy	LOCTITE® 4090™	2K	Opaque White	N/A	General Bonding 3
Epoxy	LOCTITE® E-90FL™	2K	Grey	N/A	General Bonding 3
	LOCTITE® 0151™	2K	Clear	N/A	General Bonding 3
	LOCTITE® E-40HT™	2K	White	N/A	General Bonding 3 , Potting 2
	LOCTITE® E-30CL™	2K	Clear	N/A	Potting 2
	LOCTITE® E-40EXP™	2K	Black	UL 674	Potting 2
	LOCTITE® E-60NC™	2K	Black	UL RTI	Potting 2
	LOCTITE® 3145™/3165™	2K	Black	UL 94V-0	Potting 2
Modified Silane Polymer (MSP)	LOCTITE® 5510™ White	1K	White	N/A	Lens Bonding & Sealing 1
	LOCTITE® 5512™	1K	Black	N/A	Lens Bonding & Sealing 1
	LOCTITE® 5570™ White	1K	White	N/A	Lens Bonding & Sealing 1
	LOCTITE® 5590™	1K	Black	N/A	Lens Bonding & Sealing 1
Polyurethane	LOCTITE® UK 1366 B10™	2K	Green	N/A	General Bonding 3
Silicone	LOCTITE® 5031™	1K (UV)	Opaque White	N/A	Lens Bonding & Sealing 1
	LOCTITE® 5604™	2K	Black	UL 746C	General Bonding 3
Threadlocker (Anaerobic)	LOCTITE® 246™	1K	Blue	N/A	Threadlocking 4
Thermal Management (Silicone)	Stycast® 5952™	2K	Red	N/A	Potting 2
	Stycast® 5954™	2K	Red	N/A	Potting 2
UV Acrylic	LOCTITE® 3106™	1K	Clear	N/A	Lens Bonding & Sealing 1
	LOCTITE® 3341™	1K	Clear	N/A	Lens Bonding & Sealing 1
	LOCTITE® 3526™	1K	Clear	N/A	Lens Bonding & Sealing 1

LOCTITE®

HENKEL CORPORATION

One Henkel Way
Rocky Hill, CT 06067
1.800.LOCTITE (562.8483)
1.905.814.6511 (in Canada)

www.henkelna.com/ledcompatibility



Global Distributor of Henkel LOCTITE
(800) 888-0698 info@ellsworth.com