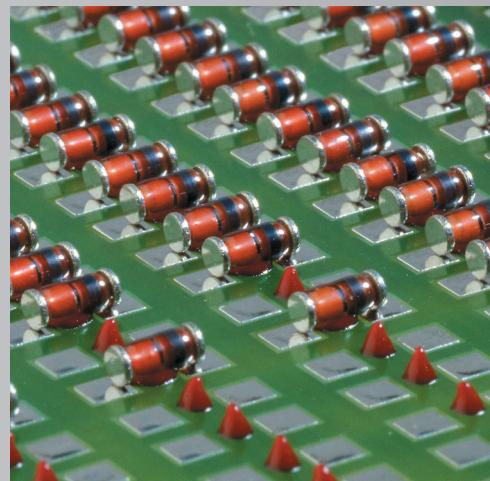
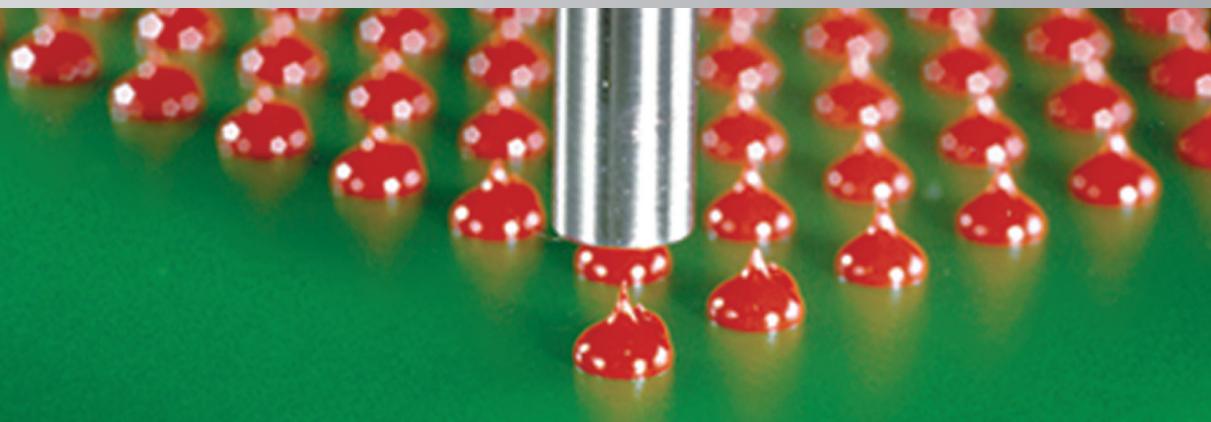
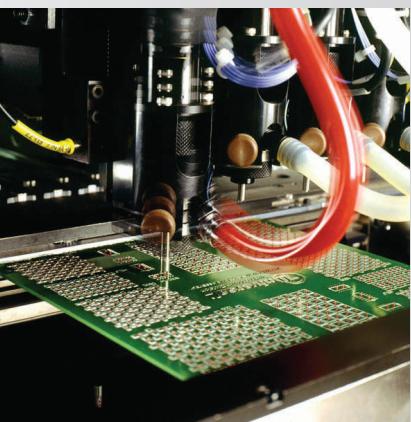


Surface Mount Adhesives

Henkel set the standard for surface mount adhesives (SMAs), introducing the first commercially available material in 1984 as the electronics industry was starting the transition from through-hole assembly to surface-mount assembly. Designed to secure surface mount components in place during the wave soldering process, Henkel's first SMA – also known as Chipbonder – enabled the industry's shift to mixed technology (SMT and through-hole) processes.

Today, LOCTITE® SMAs are available in formulations suitable for several deposition methods including needle dispensing, jetting and stencil printing, with some formulations compatible with all three deposition processes. Each LOCTITE® SMA offers fast-cure capability, high wet strength, superb dispense characteristics and excellent compatibility with Henkel's line of bar solder materials and liquid fluxes, ensuring the best wave soldering outcomes – all from a single source supplier.





PRODUCT	LOCTITE® 3616	LOCTITE® 3621	LOCTITE® 3627
Technology	Epoxy	Epoxy	Epoxy
Product Benefits	<ul style="list-style-type: none"> • High print speeds • High wet strength • Pb-free compatible 	<ul style="list-style-type: none"> • Fast cure • High wet strength • Stable for 30 days at room temperature • Pb-free compatible 	<ul style="list-style-type: none"> • Fast cure • High wet strength • DEK™ Pro-Flow™ compatible • Pb-free compatible
Application Method	Stencil printing	Dispensing, jetting	Stencil printing, dispensing, jetting
Viscosity (Pa·s)	15 - 22	0.5 - 3	2 - 5
Typical Cure*	90 - 120 sec. @ 150°C	90 - 120 sec. @ 150°C	90 - 120 sec. @ 150°C
Tg (°C)	140	110	105
Work Life	14 days	30 days	14 days

*Alternative cures available

Across the Board,
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