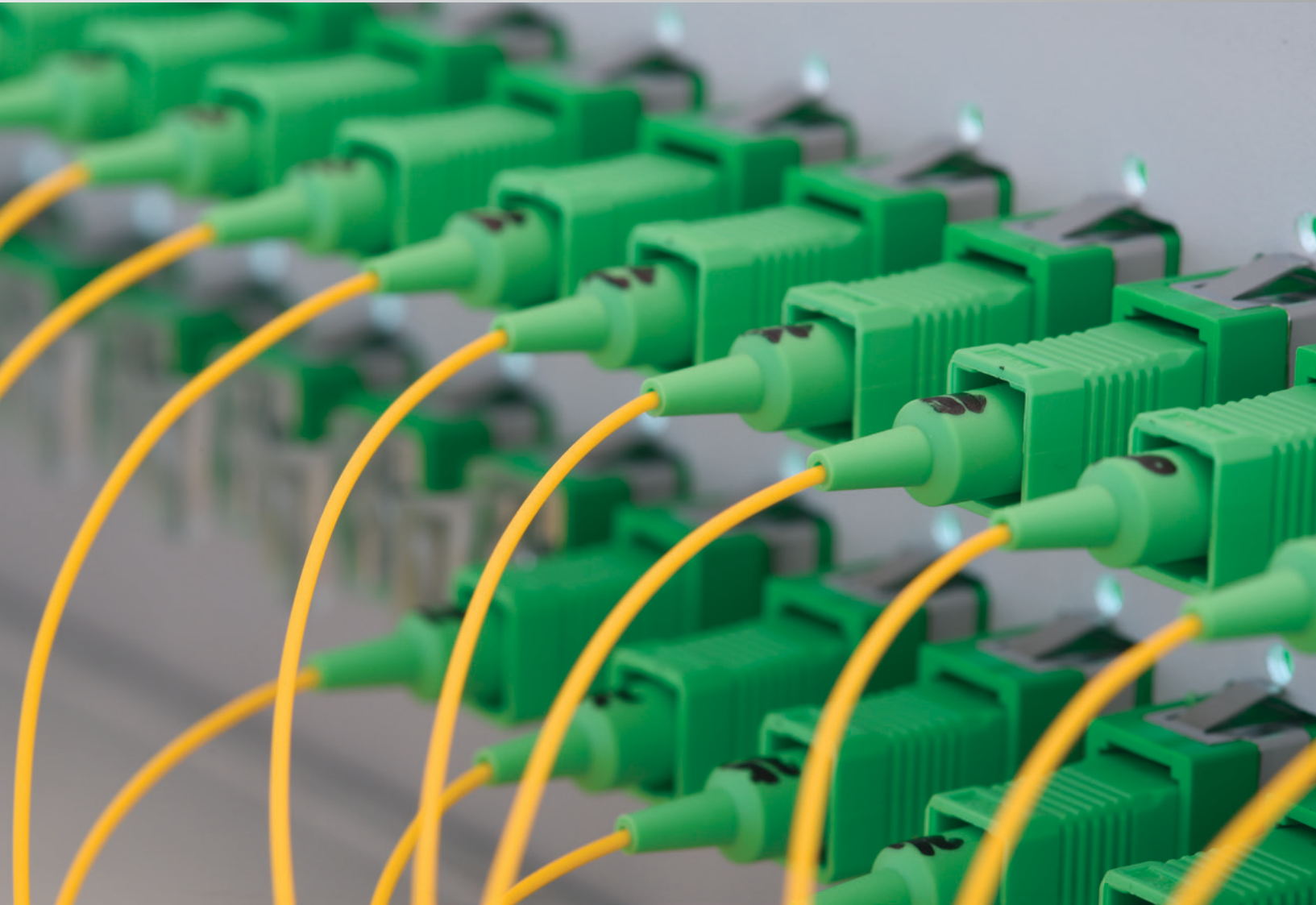


**LOCTITE®**



## LOCTITE® *STYCAST* OS 8300

**TWO-COMPONENT, NON-CONDUCTIVE ASSEMBLY ADHESIVE**

Formulated for use with semiconductor, optical, fiber-optic and optoelectronic applications, Henkel's LOCTITE® *STYCAST* OS 8300 provides assembly productivity and long-term product reliability. The material is a two-part, dispensable epoxy adhesive designed for automated processing and fast heat curing to facilitate high throughput operations, and its high adhesion strength offers improved performance as compared to competitive materials.

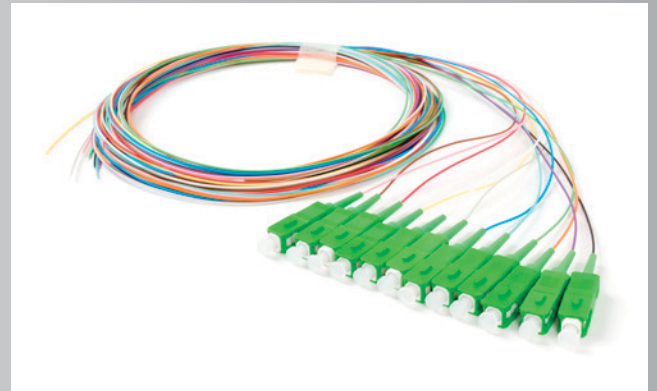
**Henkel**



## KEY BENEFITS

- High adhesion strength on multiple substrates including glass, metal and FR4 laminate
- Ideal for FAU, ROADM and optical cable assemblies
- Provides 10% greater adhesion than competitive materials\*
- Ideal for optical passive component and fiber pigtail bonding
- Cures quickly at relatively low temperature (80°C)
- Can be stored at room temperature before mixing

\* As proven in lab testing.

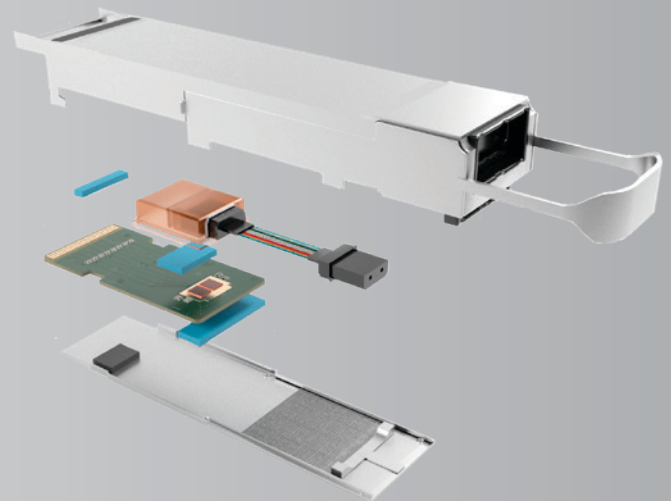


## PHYSICAL PROPERTIES

Technology	Epoxy
Appearance - Part A	Colorless liquid
Appearance - Part B	Amber liquid
Mix Ratio, (by weight) Resin : Hardener	10 : 1

## OPTICAL PROPERTIES

Refractive Index:	at 25°C	1.5683
	at 589 nm	
Spectral Transmission (%)	at 550 nm	≥ 50.0
	at 800 – 1,000 nm	≥ 96.68
	at 1,100 nm	≥ 98.38



**Across the Board,  
Around the Globe.**   
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