

NEWS RELEASE

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Contact: Applications Engineering

New Adhesive has Built-in Cure Indicator and Red Fluorescence for Accurate Bond-Line Inspection

DYMAX MD[®] Medical Device Adhesive 1-20793 is a new See-Cure, color-changing adhesive formulated with Ultra-Red[™] fluorescing technology. This adhesive starts out bright blue in color in its uncured state making it easy to see on the surface of substrates, in deep wells, or when sandwiched between two layers of materials. Because the blue color is extremely visible, simple vision systems can be incorporated into assembly processes prior to curing in order to easily identify adhesive coverage and profile, resulting in greater efficiency and less scrap.

But, See-Cure's blue color in 1-20793 is only temporary. The adhesive's blue color disappears when sufficient light energy has been provided to the adhesive bond area to achieve full cure. As the adhesive cures, the blue color within the adhesive fades and ultimately turns clear upon full cure.

The Ultra-Red[™] fluorescing feature allows this adhesive to be visually detected when exposed to low-intensity black light (365 nm) before and after it has been cured as an additional quality control option. *Ultra-Red* fluorescing technology formulated into DYMAX UV adhesives provides a vivid contrast that permits accurate bond-line inspection, especially when used against plastics that fluoresce blue and would normally mask blue fluorescing adhesives.

This adhesive is designed for rapid bonding of a variety of rigid and flexible plastics typically used in the manufacture of medical devices such as reservoirs, tube sets, and catheters. The bondable substrates include PC, PET, PS, PU, PVC, and ABS. DYMAX 1-20793 cures in seconds when exposed to high-intensity UV light – such as that produced by the DYMAX BlueWave® 200 Spot Lamp – enabling faster processing, greater output, and lower assembly costs.

DYMAX Corporation is a leading technology-based company specializing in the formulation, manufacture, and service of advanced assembly adhesives, coatings, epoxies, masking resins, and light-curing systems.

For more information, contact DYMAX Corp., 318 Industrial Lane, Torrington, CT 06790; Phone: 860-482-1010; Fax: 860-496-0608; Toll Free: 1-877-DYMAX-MD (1-877-396-2963); e-mail: info@dymax.com or visit our website at www.dymax.com.

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CAPTION

Built-in cure indicator combined with red fluorescence enables accurate bond-line inspection.



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