

Press Release

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New UV-adhesive for elastomeric bonds

At BondExpo in Stuttgart/Germany Panacol presents a new solvent free UV-adhesive. Vitralit® VBB-2N LV features low viscosity and is ideally suited for bonding elastomeric materials.

Due to its extremely low viscosity Vitralit® VBB-2N LV is suitable for large area bonding as well as applications where the gap size is very small. When cured, it demonstrates excellent flexibility and environmental stability. Vitralit® VBB-2N LV is a solvent-free transparent adhesive and provides very good adhesion to most elastomeric materials like TPE (Thermal Plastic Elastomer) and rubber (natural rubber latex, NBR, SBR etc).

If at least one assembly material is transparent, Vitralit® VBB-2N LV cures in seconds with UV-A light to produce a strong and reliable bond. UV-blocking materials like polycarbonate can be cured due to the adhesive's ability to cure with visible light (>400nm). Both gas discharge lamps and LEDs are suitable for curing. Excellent curing results were achieved with the 405nm Blue Point LED light from Dr. Hoenle AG.

For use in medical applications Panacol can provide an alternative product with similar properties that meets the requirements for USP Class VI and is compatible with sterilization by autoclaving, gamma irradiation and EtO.

Panacol-Elosol GmbH, a member of the global Hoenle group, is an international supplier of adhesives with a broad product range that includes UV curable adhesives, structural adhesives, and conductive adhesives. Panacol is also a reliable provider of UV processing systems, supported by Dr. Hoenle AG. Hoenle is a global technology leader and manufacturer of industrial UV curing devices and systems. At BondExpo in Stuttgart, Panacol presents its high tech products for various applications.

Visit us at BondExpo in Stuttgart in hall 9, stand 9409!