



## News Release

February, 2022

### **Flashbond® UV-8403 - UV Cure Epoxy for High Humidity**



epoxySet introduces the Flashbond® UV-8403. This highly engineered epoxy adhesive is specifically designed to withstand high humidity environments. This one part, UV cured system passes 85/85 testing for 1000 hours, 95% humidity tests @ 100°C as well as continuous soak tests @ 65°C. This

adhesive/sealant has high dielectric properties making it perfect for use with electronics such as a glob top applications,

Offering excellent bonds to glass, ceramics, metals and engineered plastics, the UV-8403 is perfect for sealing against adverse environmental conditions. With a Shore D hardness of 78 and a Glass Transition temperature of 70°C, it is a good choice for thermal cycling applications from -55 to 150°C.

UV-8403 can be cured with a 365nm, LED light in 10 – 15 seconds with an intensity of 150 – 250 mW/cm<sup>2</sup>. Upon cure, it exhibits a low cure shrinkage of under 1%. It is available in 3, 10 and 30cc syringes as well as 8oz and 1 liter bottles.

epoxySet is an innovative custom formulator of Epoxies, Urethanes, Silicones, Thermal Greases and UV cures for the electronic, medical, semi-conductor, optics, automotive and aerospace industries. Our extensive experience allows us to quickly modify our wide-ranging product line for any requirement. Please contact our technical support staff at 401-726-4500 or [info@epoxyset.com](mailto:info@epoxyset.com)

epoxySet Inc. • 718 Park East Drive , Woonsocket, RI 02895, USA • Ph: 401-726-4500 • [info@epoxyset.com](mailto:info@epoxyset.com) • [www.epoxyset.com](http://www.epoxyset.com)