

Technical Bulletin #SB052011

SHELF LIFE AND STORAGE OF SKYBOND®

Product *shelf life* is the period of time the SKYBOND product is expected to stay within the limits of its respective product specification. ***The shelf life of SKYBOND products is 3 months from date of shipment when stored at 40 °F (4 °C) or below.***

Short-term exposure to normal ambient conditions will not cause problems with the resin. For long term storage the material should be stored at temperatures of 40 F or lower to reduce viscosity build which is common with these resins.

Material stored for longer periods of time than 3 months or at higher temperatures should be usable if still within specification limits for viscosity and solids. If the viscosity has advanced above its specification limit it may still be usable if it can be diluted to reduce the viscosity into its specification range while still remaining within the solids specification limits.

Water contamination should be avoided. Thus the resin solution should be allowed to warm to room temperature before the container is opened and the resin used. If the resin solution is exposed to air at low temperature water will condense on the resin solution surface and be rapidly dissolved in the solution. Water will cause hydrolysis which lowers the molecular weight of the resin and causes curing problems in these high solids Skybond resins. Oxygen contamination should also be minimized as it can lead to oxidation of amines in long term exposure and cause problems in cure cycles.

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