



Swift[®]lock 9053 Hot Melt Polyurethane

Suggested Application

9053 is a single-component, fully reactive hot melt adhesive that cross-links through a chemical reaction with moisture found in the surrounding air and substrates, to produce a thermoset adhesive.

9053 was specifically formulated for use in the assembly of recreational vehicle subcomponents, including skins, composite walls, floors, ceilings and front caps. Substrates typically bonded include FRP, aluminum, lauan and other plywoods. Cutting edge technology allows 9053 to quickly build green strength while simultaneously delivering extended open time often necessary for assembling large and complex components. 9053 unique formulation also provides fiber tearing bonds very quickly, as well as providing deep foam tear at -20°F, room temperature and 180 °F. It is blue in color and very visible, so the use of black lights or UV indicators is not required.

Features & Benefits

Bright Blue Color	Easy to spot with the naked eye. UV indicator and black light not required. Easy identification of low spots in the substrates to help avoid potential delaminations. Easy management of coating weight variations; cost savings.
Patented Fully Reactive Technology	In addition to the many other benefits of this technology, bonded assemblies including darkly colored materials possess exceptional heat resistance.
Enhanced Adhesion	Adheres to many lower surface tension substrates and higher density foam materials at temperatures.
Excellent Creep Resistance at High Temperatures	Cured adhesive film is extremely tough yet flexible. This allows for differences in thermal expansion and contraction of various substrates without sacrificing bond performance.



TECHNICAL DATA SHEET

Excellent Environmental Resistance	Cures to form a very strong bond that is resistant to heat, cold, moisture, and many solvents.
Versatility	Adheres to a wide variety of core stocks and skins.

Typical Properties

Viscosity	25,000 ± 3,000 cps @ 250 °F
Open Time	up to 7 minutes
Tensile Strength	2,000 ± 100 psi
Elongation	500 ± 50 %
2% Secant Modulus	4,200 ± 100 psi
Cure Rate*	75% in 4 hours

* dependent upon moisture and temperature

Packaging Forms

Non-returnable 55 gallon metal drums or 5 gallon metal pails. Also available in drums or pails with plastic liners.

Storage

To ensure maximum stability, product should be stored in the original closed container in an interior location capable of maintaining a constant temperature.

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Important Safety Information

Before using this or any other chemical product, be sure to read and understand the information on the Material Safety Data Sheet and Product Labels. Remain aware of potential hazards and follow all precautionary measures, handling instructions, and disposal considerations outlined in the MSDS and labels.

For help in a Chemical Emergency, call CHEMTREC at 1-800-424-9300.

Use Precaution

Product is ready to use as received; do not dilute hot melt adhesive.

Confirm compatibility before making hot melt adhesive changes.

Rev 10/10

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