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TECHNICAL DATA SHEET

Swift®lock 2003

Reactive Hot Melt

Suggested Application

2003 is a single-component hot melt adhesive that cross-links through a chemical reaction with moisture found in the surrounding air and substrates.

2003 is especially effective for **automotive interior trim applications.**

Additionally, the intrinsic chemical nature of wood and wood products makes 2003 ideal for bonding soft woods, hard woods, particle board, MDF, papers and wood veneers. It bonds equally as well to EPS, PU foam, aluminum, steel and various steel coatings, including epoxy/phenolic coatings, and various plastics, such as PP, PVC, ABS, and SMC.

Features & Benefits

Excellent Cold Resistance	Adheres to many substrates at temperatures as low as -20ºF without exhibiting any signs of bond failure.
Excellent Creep Resistance	Cured adhesive film is extremely tough yet flexible. This allows for differences in thermal expansion and contraction of various substrates without sacrificing bond performance.
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.

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Typical Properties

Viscosity	6,500 ± 1,500 cps @ 350 ºF
Application Temperature	280 – 350°F
Open Time	Approx. 10 sec.
Green Strength Build	30 sec. = > 50 psi
Tensile Strength	400 psi
Elongation	800%
2% Secant Modulus	1,450 psi
Cure Time*	Approx. 7 days

* dependent upon moisture and temperature

Packaging Forms

Non-returnable 55 gallon metal drums or 5 gallon metal pails.

Storage

To ensure maximum stability, product should be stored in the original closed container in an interior location capable of maintaining a constant temperature. Product performance is best if used within 3 months of manufacturing date.

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.

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