KATILAC COATINGS INC.

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R1798 STRONGBOND™ Spray Grade Contact Adhesive

R1798 STRONGBOND™ is a solvent borne, fast drying, high performance spray grade contact adhesive. It features excellent sprayability, high initial strength and outstanding heat resistance. It is especially well suited for automated, post-forming production lines.

SUGGESTED APPLICATIONS

- Porous and non-porous materials
- Wood
- Honeycomb paper cores
- Canvas
- Plastic laminate
- Metal
- Hardboard
- Particle board
- Porcelain
- Leather

KEY PERFORMANCE FEATURES

- Water resistant
- Oil resistant
- Shock resistant
- Grease resistant
- Retains adhesion at a wide range of temperatures

PHYSICAL PROPERTIES

Base	Polychloroprene
Weight Solids	17.5% ± 2
Viscosity	250-300 cps
Relative Density	0.8172 ± 0.01
Flash point	-20°C T.C.C.
Heat Resistance	>180°C
Typical Coverage	4.2-5.3 m^2/ liter (200-250 ft^2/gallon)

ADDITIONAL CHARACTERISTICS

Bonding Range	10 minutes to 1 hour
Reduction	Not required
Retarder	Not required
Clean-up	T5122 Toluol
Shelf-life	12 months
Freeze/Thaw Stable	Stable if frozen; if products freezes allow to return to room temp and stir well before use

SURFACE PREPARATION – Surfaces to be bonded must be clean and dry. Remove all dirt, dust, oil etc. Non-porous surfaces should be cleaned with T5122 Toluol. Do not apply or bond at temperatures below 20°C (68°F).

BONDING SCHEDULE – Stir well before using. Apply with an even spray pattern of approximately 4-6 wet mils to each surface. It is recommended to use a larger air cap/nozzle in a cup gun. 2.2 mm (0.086 in.) is ideal. Air pressure should be between 50-90 psi and material pressure should not exceed 10 psi. Both surfaces must be allowed to dry for a minimum of 10 minutes 21°C (70°F) before bonding. Surfaces should be tack-free to the touch before bonding.

Faster drying can be achieved by heating the coated surfaces for 1-3 minutes at 80-95°C (180-200°F). Surfaces must be joined within 1 hour after application of adhesive. Apply pressure to the entire area using a 3-inch-wide hand pressure roller or pinch roller. For large surfaces, work from the center towards the edges to avoid air bubbles or pockets.

SAFETY – During application, always wear eye protection, gloves and appropriate work clothing to minimize contact. Use a respirator and safety glasses at all times when spraying. Explosion proof ventilation is required with special consideration for enclosed or confined areas. Use caution when handing flammable liquids and eliminate sources of ignition and uncovered containers from the work place. Vapours formed from this product may travel or be moved by air currents and ignited by pilot lights, light switches, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the product.

DISPOSAL - Disposal of chemicals and their solutions should be done according to local, provincial and federal regulations. Safety Data Sheets are available and should be consulted when handling products. These products are for industrial and professional use only; Application directions must be followed.

WARRANTY – Katilac Coatings Inc. warrants that its products are free from defects in manufacture for a period of one (1) year from date of purchase, if used prior to expiration date and applied and used in accordance with Katilac Coatings' most current published specifications applicable to such products. Katilac Coatings Inc. expressly disclaims all other warranties, express or implied, including the implied warranties of merchantability and fitness for purpose. Katilac Coatings Inc. disclaims all liability for incidental, consequential or indirect damages of any nature whatsoever. This warranty cannot be changed or modified whether by course of dealing, custom or trade or otherwise, unless agreed to in writing by Katilac Coatings Inc.