

TECHNICAL DATA SHEET

SWISSTEK FAST CONTACT ADHESIVE

1. PRODUCT DESCRIPTION

Swisstek Fast Contact Adhesive is a premium synthetic rubber-based adhesive designed for multiple applications. This versatile, single component, air-drying adhesive is formulated for bonding a wide variety of substrates, providing excellent initial strength and rapid bonding due to its fast crystallization rate. It is suitable for automotive decoration and repairs, upholstery, furniture, leather and footwear industries, metal and plastic fixing, general household and industrial maintenance, and DIY projects. After drying, the adhesive bond is resistant to heat and moisture and remains flexible at low temperatures

2. KEY PERFORMANCE PROPERTIES:

- **Synthetic Rubber Based Adhesive:** Provides robust and reliable bonding.
- **Strong Bonding:** Ensures durable and long-lasting adhesion.
- **Outstanding Adhesiveness:** Effective on many porous substrates such as foam, carpets, canvas, wood, laminates, and plastics.
- **Heat & Moisture Resistance:** Maintains bond integrity under high heat and moist conditions.
- **Low Temperature Flexibility:** Retains flexibility and performance even at low temperatures.

3. APPLICATION AREAS:

- **Automotive:** Used in automotive decoration and repairs.
- **Upholstery:** Suitable for upholstery work in furniture and automotive applications.
- **Furniture:** Ideal for various furniture assembly and repair tasks.
- **Leather and Footwear Industries:** Effective for bonding leather components and DIY applications



SWISSTEK (CEYLON) PLC

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4. METHOD OF APPLICATION:

1. **Surface Preparation:** Ensure both bonding surfaces are clean, dry, and free from dust, oil, or grease.

2. **Application:**

- Apply an even coat of adhesive on both substrates.
- Wait until the adhesive is touch dry (typically 10 to 20 minutes, depending on temperature conditions).
- For bonding on porous surfaces, apply a double coat and allow to dry.

3. **Bonding:**

- Bring the coated surfaces together.
- Apply strong, even pressure to ensure good contact and bonding.

Avoiding Adhesive Pools: Ensure adhesive is evenly spread to prevent the formation of adhesive pools, which can entrap solvent and weaken the bond.

5. TYPICAL PROPERTIES:

Appearance	Pale yellow color, thick flowable liquid	Elongation at Break	500 %
Density	0.87 ± 0.03 g/ml	Full Cure	>60 min
Solid Content	44 ± 2 %	Application Temperature	5°C to 40°C
Touch Dry	5 min to 15 min	Service Temperature	-40°C to +110°C
Open Time	20 min @ 25 °C	Weather Resistance	Excellent
Viscosity	1500 to 3500 cPs	UV Resistance	Excellent
Odor	Aromatic	Coverage Rate	3 - 6 m ² per liter (with an adhesive thickness of 200 microns)
Setting Time	10 - 15 min (solvent to evaporate)	Recommended thickness to achieve the required characteristics	≈1000 microns.

6. PACKAGING:

- 250 gram x 24 pcs / Box
- 600 gram x 12 pcs / Box
- 3 Kg x 4 pcs / Box
- 15 Kg CAN

Clean Up: Swisstek Fast Contact Adhesive may be removed from tools and equipment. Spillage can be cleaned with Swisstek Cleaner 2, acetone, or Tangit Cleaner.

Health & Safety: Protective clothing such as gloves and goggles should be worn while applying Swisstek Fast Contact Adhesive. In case the material splashes to the skin or eyes, wash with fresh water immediately. In critical cases, seek medical assistance

Storage & Shelf Life: Store in a cool place under cover, out of direct sunlight, and protect from extreme temperatures. In tropical climates, the product must be stored in an air-conditioned environment (<25°C). The shelf life is up to 12 months in unopened conditions if stored as per guidelines.

7. MARKETING AND DISTRIBUTED BY

Swisstek Ceylon PLC (An associate company of Lanka Tiles)

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