TECHNICAL DATA SHEET

HSR-6010

Water-Based Chloroprene Spray Adhesive

Sprayable adhesive for upholstery foam, fabrics, loudspeaker coverings and selected automotive interior assemblies.

Product data

Property	Supplied specification
Adhesive type	Water-based chloroprene
Appearance	Milky-white liquid
Solids content	48 ± 2%
Viscosity at 25 °C	100 ± 30 cP
Application temperature	5-45 °C
Application humidity	Relative humidity below 80%
Spray distance	Approximately 15-20 cm
Flash-off time	10-30 minutes; adjust to temperature and humidity
Strength development	Best tensile strength after approximately 24 hours, per supplied TDS
Storage and transport	5-45 °C; protect from freezing and direct sunlight
Packaging	20 kg / pail

Values are transcribed from the supplied HSR-6010 TDS. Full test methods and conditioning details were not supplied. No numeric service-temperature rating, bond-strength value or shelf life is specified.

Suggested applications

Upholstered furniture foam and fabric bonding; loudspeaker fabric and veneer coverings; automotive seats, seat covers and headliners. Listed substrates include foam, leather, PU leather, fabric, wood and selected PVC, PP and ABS grades.

Test the actual substrate grade, surface preparation, bond strength and environmental exposure before production. Low-surface-energy plastics, including PP, require particular validation.

1. Prepare the surfaces

Keep bonding surfaces clean, dry and free of oil and loose contamination. Use substrate-compatible cleaning and pretreatment. Verify adhesion on trial assemblies before production.

2. Spray, flash off and press

Apply at 5-45 °C with relative humidity below 80%. Use suitable spray equipment approximately 15-20 cm from the surface and apply an even, thin fan-shaped film. Avoid excessive or insufficient coverage.

Allow approximately 10-30 minutes of flash-off, adjusted to temperature, humidity and coating thickness. Confirm the bonding window on the actual process. Join the parts and apply suitable pressure. The supplied TDS states that best tensile strength develops after approximately 24 hours; no quantitative strength is given.

3. Dilution and equipment cleaning

If dilution is required, use only deionized water and confirm the amount with the supplier; no dilution ratio is specified. Tap water may destabilize the emulsion. Flush spray equipment thoroughly with clean water immediately after use.

4. Storage and handling

Store and transport at 5-45 °C, protected from freezing and direct sunlight. Reseal containers promptly to reduce skin formation. Use suitable ventilation, eye protection and gloves; control spray mist and select respiratory protection according to the current SDS and workplace assessment.

5. Documentation and validation

The supplied TDS contains inconsistent VOC statements and its odor description differs from the supplied SDS. Quantitative VOC and odor claims are therefore omitted here. Obtain current product-specific test reports and SDS before relying on regulatory, certification or transport claims.

Prepared from the supplied HSR-6010 TDS. Application images are suggested-use illustrations, not verified customer installation photographs. This document does not establish independent certification or guarantee performance of a complete assembly.