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Bostik
smart adhesives

LIQ. 4045

SOLVENT BASED ADHESIVE

KEY FEATURES

- Resistant to solvents and plasticizer migration
- Excellent green strength
- Suitable for bonding flexible PVC to a variety of surfaces



DESCRIPTION

LIQ. 4045 is a fast drying solvent-borne, general purpose nitrile adhesive that exhibits high initial bond strength, nonstaining properties, and a clear flexible film. The high viscosity of this adhesive allows it to be brush or roll applied as well as pre-applied to accommodate a variety of assembly processes. LIQ. 4045 has good resistance to solvents and plasticizer migration.

PACKAGING

LIQ. 4045 is packaged in pails and drums. Please contact your Bostik representative for additional packaging options.

SHELF LIFE

The shelf life of LIQ. 4045 is approximately 9 months when stored in the sealed, original container at temperatures of 13°C to 32°C.

STORAGE & HANDLING

LIQ. 4045 is flammable, so proper safety measures should be taken to avoid ignition of the solvents. Nearby electrical equipment must be rated for use in hazardous environments.

TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	Amber Liquid
Total Solids	26%
Specific Gravity	0.87
Thermosel Viscosity	2,250 cP
Flash Point	-17°C
Heat Resistance	65.6°C
Typical Bond Values, pli	Fabric/ Fabric: 18-20 Fabric/Vinyl: 16-18 Vinyl/Vinyl: 16-18 Vinyl/ABS: 18-22 Vinyl Foam/Solid Vinyl: Foam failure Vinyl/Aluminum: 18-22

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The recommended storage temperature range for LIQ. 4045 is 55-90°F (13-32°C). Exposure to colder temperatures can sometimes be reversed by warming the adhesive slowly to room temperature and agitating the material well. Exposure to higher temperatures for a prolonged time can cause premature aging, shortening the shelf life of the product. Viscosity increase caused by heat exposure is irreversible. Do not store LIQ. 4045 in direct sunlight.

DILUENT

MEK or acetone

CLEAN-UP

MEK is recommended for use when small areas need to be cleaned.

APPLICATION TECHNIQUES

Bonding surfaces should be clean and dry. Apply adhesive to one surface and allow to dry. Coat the other surface and while tacky (5 - 7minutes) mate the surfaces together with uniform pressure. Alternatively, coat both surfaces and allow the LIQ. 4045 to dry; the surfaces will be non-tacky. When ready to bond, wipe one surface with MEK and mate surfaces immediately with uniform pressure.

Coated films that are open to the air for prolonged time can be affected by oxidation. To prevent oxidation, limit air exposure to the film. Store away from direct sunlight, in a cool, dry environment.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

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BOSTIK HOTLINE

Smart help
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