



LIQ. 4145-14H

SOLVENT BASED ADHESIVE

KEY FEATURES

- Resistant to oil, plasticizer, water and detergents
- Bonds to a variety of substrates (e.g. vinyl, plastics, foam, metal, fabrics)
- Meets BMS 5-14 - BAC5010 Ty-40

DESCRIPTION

LIQ. 4145-14H is a solvent-borne, one part adhesive based on nitrile rubber. LIQ. 4145-14H is a fast drying, high viscosity product that is resistant to oil and plasticizer migration. LIQ. 4145-14H does not need a curative, which allows for safer handling. The dried film provides a tough elastic bond suitable for upholstery applications.

This product is typically used for bonding vinyl to flexible and rigid plastics, foam and metals for interior trim applications within the automotive, rail and aerospace markets. LIQ. 4145-14H bonds to a wide variety of materials, including aluminum, ABS, vinyl films and foams, urethanes, nitriles and natural and synthetic fabrics. This product is sold against the Boeing Spec BMS5-14H.

PACKAGING

LIQ. 4145-14H is packaged in cans. Please contact your Bostik representative for additional packaging options.

SHELF LIFE

The shelf life of LIQ. 4145-14H is approximately 270 days when stored in the sealed, original container at temperatures of 13°C to 49°C.

STORAGE & HANDLING

LIQ. 4145-14H 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
Polymer Base	Nitrile
Appearance	Yellow-brown liquid
Specific Gravity	0.88
Total Solids	29.5%
Viscosity	8,000 cP
Solvent	Acetone, MEK
Flash Point	-23°C

The recommended storage temperature range for LIQ. 4145-14H is 55-120°F (13-49°C). A prolonged exposure to high heat will prematurely age the adhesive, increasing viscosity irreversibly. Cold temperatures will temporarily increase viscosity but the product will return to a lower viscosity once warmed.

APPLICATION TECHNIQUES

LIQ. 4145-14H may be applied via brush or roll coat to clean and dry surfaces. Apply sufficient adhesive to each surface and allow to dry. Wipe one surface with MEK and bond with uniform pressure. An alternate method for application is to apply LIQ. 4145-14H to one surface and allow to dry for at least 20 minutes. Apply the product to the other surface and while still tacky (within 10 minutes) mate the two surfaces with firm, uniform pressure.

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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This document supersedes all previously published literature.
04.06.2018