chanhvinh.com

Bostik
smart adhesives

LIQ. 4145-30H

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 5-30 TY1 - BAC5010 Ty-48

DESCRIPTION

LIQ. 4145-30H is a solvent-borne, one part adhesive based on nitrile rubber. LIQ. 4145-30H is a fast drying, high viscosity product that is resistant to oil and plasticizer migration. LIQ. 4145-30H 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. 4145-30H 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 BMS5-30H.

PACKAGING

LIQ. 4145-30H is packaged in pails and cans. Please contact your Bostik representative for additional packaging options.

SHELF LIFE

The shelf life of LIQ. 4145-30H is approximately 270 days when stored in the sealed, original container at temperatures of 13°C to 49°C.



TYPICAL PHYSICAL PROPERTIES

Description	Results
Polymer Base	Nitrile
Appearance	Yellow-brown liquid
Specific Gravity	0.88
Total Solids	30%
Viscosity	8,000 cP
Solvent	Acetone, MEK
Flash Point	-23°C

STORAGE & HANDLING

LIQ. 4145-30H 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.

The recommended storage temperature range for LIQ. 4145-30H 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.

chanhvinh.com

APPLICATION TECHNIQUES

LIQ. 4145-30H 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. 4145-30H 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.

LIMITED WARRANTY

Limited Warranty found at www.bostik.com/usor call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. The information, data, and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including but not limited to the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. Bostik does not warrant the product's suitability for any particular application. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

BOSTIK HOTLINE

Smart help
1-800-726-7845



Bostik, Inc.
11320 W. Watertown Plank Road
Wauwatosa, WI 53226
www.bostik-us.com

This document supersedes all previously published literature.
04.06.2018