



NS910

HIGH TEMPERATURE

Low VOC, Contact Adhesive

- Canister

NorthStar Chemicals NS910

A high temperature, high performance Low VOC contact adhesive - Canister

DESCRIPTION

NS910 HIGH TEMPERATURE Low VOC, Contact Adhesive-Canisters

FEATURES

- Low VOC
- CA-OTC-LEED Compliant
- Greenguard Certified
- High Performance, High Strength
- Postformable

SUGGESTED APPLICATIONS

NS910 is designed to bond decorative laminate to particleboard or for a variety of other substrates including veneers, fabrics, upholstery, foam, headliners, fiberglass and plastics. The canister supplied aerosol system reduces project costs by saving application time and material.

DIRECTIONS FOR USE

SURFACE PREPARATION:

The surface to be bonded with NS910 must be clean, dry and free from all dust, dirt, grease, oils, solvents and any other contaminants that may affect bonding strength. Extremely smooth surfaces may require abrasion to assure best results.

CANISTER EQUIPMENT SET-UP:

SHAKE CANISTER WELL BEFORE SETUP. Attach and securely tighten a recommended NorthStar EH hose in your length of choice to the matching fitting provided on the gun. Attach the other end of the hose to the matching fitting on the canister. It is recommended that plumbers tape be used on each fitting to assure an airtight seal. Check the fittings again for tightness. Position and tighten the tip on the gun. Slowly open the valve on the top of the canister to start the flow of material and check for leaks. Opening half way is recommended at first. Adjust the gun as required to the fully open position and trigger the gun to start the flow of material. Once the material is flowing and no leakage is apparent open the valve fully. At this time you should be achieving a consistent spray pattern and you are ready to apply material.

NS910 is designed as a contact adhesive to be applied to the two surfaces about to be joined. Spray an even coat of adhesive to cover 80% to 100% of the surfaces. Do not wet the surface. Allow adhesive to dry for 2 to 4 minutes and become tacky. For porous surfaces and crucial areas such as edgebanding, it is recommended to apply a second application after the first application has become tacky. Place the coated surfaces together and apply uniform pressure for strongest bonding. Full adhesive strength will be reached in 24 hours. Please note that adhesive and substrates should be stored at and maintained at a temperature of 60°F or higher prior to and during application for acclimation purposes and best results. NS910 is suitable for many postform applications, including use of Evans EO100, VacuTech and similar postforming equipment.

STORAGE / REUSE

CANISTER ADHESIVE STORAGE

For use on a consistent basis, leave the hose and gun assembly attached to the canister, leave the canister valve open in order to keep the hose and gun charged with material, adjust the gun to the closed position or close the valve (if equipped) at the base of the gun. When ready to re-use, adjust the gun to the open spray position, open valve at the base of the gun and begin spraying. Pulling off dried material from the tip of the gun is normal. It is a good idea to clean the tip orifice with NS905 or NS922 or solvent on a regular daily basis to avoid an excess adhesive build-up, the tip may also be submerged in solvent between uses, the use of sharp objects to clean the tip is not recommended as this will cause damage to the tip and possibly create an irregular spray pattern. Regular gun and hose maintenance and cleaning is recommended for best performance. For long term storage, two weeks or longer, turn the canister valve off completely, then dispense all material in the hose and gun assembly. Once all material has been dispensed and no pressure is present when the gun trigger is depressed, slowly disconnect the hose and gun from the canister; remember to protect adjacent surfaces from any material that may be remaining in the hose. Immediately flush the hose and gun assembly completely by attaching it to a NS905 or NS22 canister. Or detach the hose and gun clean from each other and clean manually with NS905 aerosol.

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PHYSICAL PROPERTIES

SHELF LIFE: 15 Months from date of manufacture
FLAMMABILITY: Flammable per ASTM E 681-04
STORAGE: Not damaged by freezing. Return to room temperature prior to use. Keep canister off floor when temperature is below 60°F.

Appearance: Clear or Red
Glue Solids 25 - 30%
Specific Gravity: .95 ± 0.02 gm/cc
(7.9 ± 0.2 lb/gal)
Shear Adhesion: >100 psi
Shear Adhesion Failure Temp (SAFT): >200°F

PACKAGING

:
8# Disposable Canister
27# Disposable Canister
131# Returnable Canister
273# Returnable Canister

DISCLAIMER OF WARRANTY

Manufacturer and distributor of this product make no warranty, express or implied, including, but not limited to any implied warranty of fitness for a particular purpose. No warranty is made as to the use or effects incidental to such use, handling or possession of the materials herein described. User is responsible for determining whether this product is fit for a particular purpose and method of application and assumes all risk and liability associated herewith. Manufacturer liability is limited to replacement of product or reimbursement of purchase cost, at its sole discretion. No representative of ours has authority to change this provision which relates to all sales.

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