ROBOND™ L-2150/CR 9-101

Description

ROBOND™ L-2150/CR 9-101 is a waterborne, cross-linkable two component laminating adhesive that requires the use of a coreactant. Robond L-2150 adhesive adheres to a wide variety of substrates including cellophane, treated polyolefins, polyester, vinyl, aluminum foil, paper, metallized and PVDC-coated materials, the treated heat sealable layers of coextrusions, and certain other substrates for flexible packaging laminations.

Robond L-2150 adhesive provides optical clarity, high bond strength, and a high level of heat and chemical resistance.

The principal uses for Robond L-2150 adhesive with coreactant are in medium performance industrial laminations such as polyester film/scrim and polyester/foil for thermal insulation applications.

Typical Physical Properties	Adhesive	Coreactant	Unit
Solids Content	39 to 41	100	%
Viscosity (25°C)	50 to 200	--	mPa·s
Weight/Gallon	8.70	9.63	lb
Mix Ratio by Weight (PBW)	100	4.0	
pH	8	--	

Recommended Processing Guidelines

Stir well before use to insure uniformity.

The Coreactant should be added to the Adhesive with agitation.

General Comments

Dow's Technical Service is ready to supply assistance in regards to the correct use of our products.

Before regular production, the end user is responsible to verify the suitability and performance properties of the total construction for the intended end use application, including the suitability of the process, construction and components.

Recommended Application Weight

Apply 2.4 to 5.7 g/m² dry, depending on substrate, printing and application.

Approximate Pot Life

The mixed Pot Life of the product is approximately 4.0 hr at of solids content. It can vary based on environmental temperature and humidity conditions.

Suggested Application and Operating Guidelines	Adhesive	Unit
Lamination Glue Line Temperature	> 77	°C
Drying Web Temperature	82	°C

Suggested Cleanup Guidelines

A proper cleaning procedure should be implemented and practiced as part of the machine operation.

After finishing production, the equipment should be cleaned immediately with room temperature flushing water.

Harder, dried deposits should be cleaned with solvent like Methyl Ethyl Ketone or Ethyl Acetate.

Do not allow wet parts to dry out.

Dried or plugged cylinders may have to be cleaned with solvents that are more aggressive or other cleaning methods.

Storage and Shelf Life Guidelines

The expiry date of each product is the date reported on the label of the package.

WARNING: Keep product materials away from freezing temperatures. Material will become unusable or may precipitate.

Disposal

Dispose in accordance with all local, state (provincial) or federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) or federal regulations. Contact your Dow Technical Representative for more information.

FDA and/or European Food Contact Compliance

Due to the evolving nature of European and FDA food contact compliances, please contact Dow's Customer Information Group for the most up to date food contact compliance information. Call 800-258-2436 or use the web form at Dow.com for complete FDA and European food contact statements available.

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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c. use as a critical component in medical devices that support or sustain human life; or
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