



ROBOND™ PS-1067 Adhesive

Water-Based Acrylic Adhesive for Protective Film Applications

Regional Product Availability

- Europe, Middle East and Africa

Description

ROBOND™ PS-1067 Adhesive is a pressure sensitive adhesive dispersion with moderate shear strength, high tack and peel properties. It is supplied with “ready to coat” viscosity and rheology characteristics for some of the most recent production lines.

Typical Applications

ROBOND™ PS-1067 Adhesive crosslinked is used in a wide range of difficult low surface energy materials and rough surfaces, those applications where easy and clean removability is required after a long period of time. It exhibits low peel build up overtime.

ROBOND PS-1067 Adhesive can be used with the crosslinker CR3, a dispersable polyisocyanate. It is suggested to check the optimized concentration of crosslinker to meet the final application requirements. Please contact a Dow sales or technical service representative for further information.

Key Features

- Excellent stability of removability over time
- Excellent clarity
- High adhesion to low surface energy materials
- APEO-free *

*APEOs (Alkyl Phenol Ethoxylates) are not intentionally added to Dow adhesive products. Therefore, to the best of Dow’s present knowledge, APEOs are not present in the final product composition, unless at trace levels, as an unknown impurity from the raw materials.

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Appearance	Milky-white liquid
Solids content	51%
Density	1,03
pH	8,0
Brookfield LV Viscosity (#2 spindle, 60 RPM @ 25°C) mPa.s	100 mPa.s
Freeze/thaw	Protect from freezing
Particle charge	Anionic

Typical Performance Results

(These properties are typical but do not constitute specifications.)

Performance results of ROBOND™ PS-1067 Adhesive		
Test conditions: 5 g/m ² dry adhesive coated on 50 µm corona treated PE film		
Peel adhesion	FTM1 on stainless steel (N/inch)	
+1% NCO X-linker	24 h	8,2
	1 week	9,0
	5 days at 50°C	9,5
+3% NCO X-linker	24 h	5,0
	1 week	6,0
	5 days at 50°C	6,5

Recommended Operating Guidelines

- Stir prior to use
- Use a low shear pump
- Filter (=50 µ)
- When filling the storage tank, do not allow the emulsion to free-fall in order to help avoid foam generation
- Clean with water and soap

Please contact your Dow sales representative or technical service representative for further product information.

Handling Precautions

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Storage

Store products in tightly closed original containers at temperatures recommended on the product label.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and 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) and federal regulations. Contact your Dow Technical Representative for more information.

Food Legislation

ROBOND™ PS-1067 complies with FDA CFR175.105 Adhesives. We recommend that you make your own determination on the suitability of ROBOND PS-1067 Adhesive for your particular application.

Regulations may vary by city, state, country, or geographic region. Please contact the Dow Customer Service Group in your region for any additional, relevant regulatory information

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