



PRIMAL™ HS-11 Emulsion

Binder for Non-wovens

Regional Product Availability

- Asia Pacific

Description

PRIMAL™ HS-11 Emulsion is a mechanically-stable, acrylic binder for non-wovens.

Typical Applications

PRIMAL™ HS-11 Emulsion can be used in various applications including interlinings, wet wipes and home furnishings. It is especially suitable where the bonded web will be subjected to solvents such as those used in dry-cleaning or industrial wipes.

Key Features

PRIMAL™ HS-11 Emulsion is a self-crosslinking binder which offers excellent strength and solvent resistance (see Typical Applications) to both durable and disposable non-wovens. It performs well with synthetic fibres, cellulosics and blends and can be used on conventional bonding, drying and curing lines. It is similar in hand (intermediate) and properties to PRIMAL E-32NP Emulsion, but is supplied at higher solids (55%) and in the anionic form for better mechanical stability.

In summary, the features of PRIMAL HS-11 Emulsion are:

- Excellent solvent resistance to certain solvents
- Excellent durability to washing and dry-cleaning
- Excellent dry and wet tensile strength
- Mechanical stability
- Intermediate hand

Typical Physical Properties

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

Property	Value
Appearance	Milky-white liquid
Type	Self-crosslinking acrylic
Ionic Charge	Anionic
Solids Content, %	55
pH (as packed)	3.0
Brookfield Viscosity at 25°C, cP (#1 spindle, 60 rpm)	65
Glass Transition Temperature, T _g , °C (DSC Method)	+11
Density, 25°C	
lb/US gal	8.9
kg/l	1.07

**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 local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed of in a safe and legal manner in compliance with regional governmental regulations.

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.

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