



## PRIMAL™ ECO-36 Emulsion

Binder for Textiles and Non-wovens

### Regional Product Availability

- Asia Pacific
- Europe, Middle East and Africa
- Latin America

### Description

PRIMAL™ ECO-36 Emulsion is a versatile, soft, self-crosslinking acrylic-based binder for general purpose applications in textiles and non-wovens.

PRIMAL™ ECO-36 Emulsion is part of a new class of hydrophobic acrylic-based copolymers. This remarkable, APEO-free\* polymer is suitable in a variety of applications, especially non-wovens, textile flock and pigment printing. PRIMAL™ ECO-36 Emulsion offers excellent dry and wet tensile strength, and is durable to washing and dry-cleaning in non-woven applications. Additional characteristics include ease of formulation and excellent runnability.

\*APEO (Alkyl Phenol Ethoxylates) is not intentionally added to Dow products. Therefore, to the best of Dow's present knowledge, APEO's are not present in the final product composition, unless at trace levels ( $\leq$  ppm), as an unknown impurity from the raw materials.

### Key Features

- Soft hand
- Excellent durability to washing and dry-cleaning
- Good colour fastness
- Excellent wet/dry abrasion resistance

### Typical Physical Properties

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

Property	Value
Appearance	Milky-white liquid
Type	Self-crosslinking
Ionic Charge	Anionic
Solids Content, %	47.0
pH (as packed)	6.0 – 7.0
Brookfield Viscosity at 25°C, cP (#2 spindle, 60 rpm)	500 max
Glass Transition Temperature, Tg, °C (DSC Method)	-12
Density, 25°C lb/US gal kg/l	8.5 1.02
Storage Stability	Protect from freezing

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.

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.

## Product Stewardship

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- b. use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- c. use as a critical component in medical devices that support or sustain human life; or
- d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

Dow requests that customers considering use of Dow products in medical applications notify Dow so that appropriate assessments may be conducted.

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## Additional Information

North America		Europe/Middle East	+800-3694-6367
U.S. & Canada:	1-800-441-4369		+31-11567-2626
	1-989-832-1426	Italy:	+800-783-825
Mexico:	+1-800-441-4369		
Latin America		South Africa	+800-99-5078
Argentina:	+54-11-4319-0100		
Brazil:	+55-11-5188-9000		
Colombia:	+57-1-219-6000	Asia Pacific	+800-7776-7776
Mexico:	+52-55-5201-4700		+603-7965-5392

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