



Technical Data Sheet
for Europe, Middle East, Africa and India

PRIMAL™ CA-172

Acrylic Dispersion

Product Description

PRIMAL™ CA-172 Acrylic Dispersion is a novel high solids pure acrylic emulsion polymer for flooring adhesives and is manufactured without added solvent (no solvent intentionally added).

Application

PRIMAL™ CA-172 Acrylic Dispersion has a unique acrylic composition that allows the formulator to develop solvent-free adhesives that complies with EMICODE E1 for a wide variety of floor covers such as PVC, linoleum, carpet and rubber with very good hold-down properties on all substrates, such as concrete, wood, tiles, etc.

PRIMAL™ CA-172 Acrylic Dispersion offers a long open time together with early strength development, good shear stability, superior water and alkali resistance and superior adhesion on hydrophobic substrates.

Typical Properties¹⁾

Appearance	Milky white liquid
Tg	- 21 °C
Solids content	60.5 ... 61.5 %
pH	5.8 ... 6.8
Density	1.04 g/cm ³
Viscosity (Brookfield RVF, spindle 2 @ 30 rpm, 25°C)	< 500 mPa·s

¹⁾ Please note that the values shown are typical values for your guidance. They are not to be taken as specifications and are subject to certain variability. Please consult the sales specifications for details.

Health and Safety Considerations

Safety Data Sheets (SDS) are available from The Dow Chemical Company. SDS are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS are updated regularly, therefore, please request and review the most current SDS before handling or using any product. For further questions consult your Dow contact person.

Storage and Handling

PRIMAL™ CA-172 Acrylic Dispersion should be stored at temperatures between 5°C and 40°C in tightly sealed containers. Avoid freezing of the material! Upon purchase, applicable legislation on storage must be maintained/followed. PRIMAL CA-172 Acrylic Dispersion is protected against microbial attack during transportation and storage in not opened original packaging. To avoid problems with microbial attack during processing and in opened packaging, attention should be paid on hygiene. In some cases it could make sense to add biocides under your sole decision to avoid problems with microorganisms. We recommend using the product under safety precautions as described in the SDS. Avoid contact with eyes and skin. Large quantities should be handled in a correctly ventilated area. Material can create slippery conditions. As the product contains water corrosion-resistance equipment should be used for processing. Low shear pumps like diaphragm pumps should be used.

Additional Information

For more information you may call the following numbers:

International Toll-Free

00800-3-694-6367

International Toll-Free from:

Austria, Belgium, Denmark, Finland (prefix 990), France, Germany, Hungary, Ireland, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

EMEI Toll Call

0031-11567-2626

Italy Toll-Free National

00800-783-825

South Africa Toll-Free National

00800-99-5078

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.