



## Technical Data Sheet

### PRIMAL™ E-1796 LP

Styrene acrylic emulsion

#### Description

PRIMAL™ E-1796 LP is a styrene-acrylic emulsion designed for indoor and outdoor household paints. The product offers properties which are typical for this class of polymers. The test results also indicate that the PRIMAL™ E-1796 LP is refined in the power of brightness, color acceptance and stability.

#### Applications

- Interior and exterior paints
- Formulations low to high PVC

#### Benefits

- Excellent washability and stain resistance
- Outstanding resistance to alkaline attack and blooming
- Greater ability to pigmentation, which allows plenty of cargo, while a good leg balance remains the application and film properties.
- High resistance to water

#### Physical Properties

Appearance	Milky white liquid
Solids (Wt. %)	50
Ph	8-10
Density, g/mL	1.00 – 2.00
Viscosity, (LV#4, 60 rpm, 25°C)	700-1500
(MFFT), °C	21

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

#### Health & Safety Considerations

Safety Data Sheets (SDS) is available from The Dow Chemical Company. SDS is 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 is 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.

#### Handling & Storage

PRIMAL™ E-1796 LP emulsion is sediment-free and stable to a minimum of 5 cycles of freezing at -15°C and thawing at 25°C. However, in cold weather or after prolonged storage, the emulsion should be thoroughly stirred prior to use to ensure a completely homogeneous mixture.. Local legislation on storage must be followed.

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.

## **Product Stewardship**

Dow has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products – from the initial concept and research to manufacture, use, sale, disposal and recycle of each product.

## **Customer Notice**

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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