



## **DOW™ LATEX POWDER (DLP) 211**

### **Redispersible Latex Powder**

**Product Description** DOW™ Latex Powder (DLP) 211 Redispersible Latex Powder is a free-flowing, white powder obtained by spray drying an aqueous vinyl acetate-ethylene-VeoVa-copolymer dispersion. It offers all the benefits of a free-flowing powder additive such as ease of transportation, storage and handling. DLP 211 Redispersible Latex Powder can be used in a variety of applications in the construction industry to improve key properties of cement and gypsum based formulations.

- Applications**
- Cement based tile adhesives
  - Tile grouts
  - Thermal insulation systems (adhesive & reinforcement layer)
  - Flexible tile adhesives
  - Self-leveling flooring compounds
  - Renders
  - Gypsum joint fillers
  - Repair mortars
  - Crack fillers

**Features**

DLP 211 Redispersible Latex Powder can be used in many different applications. It can improve the workability and other important mechanical properties such as tensile and flexural strength and abrasion resistance. In cement based tile adhesives DLP 211 Redispersible Latex Powder offers enhanced adhesion even to difficult substrates and also enhances the flexibility. It is especially suggested for building products exposed to conditions of thermal or mechanical stress, providing good impact resistance and helping to reduce the formation of cracks.

Polymer base	Vinyl acetate – ethylene-VeoVa- copolymer
<b>Powder</b>	
Appearance	White, free-flowing powder
Residual moisture	Maximum 2 %
Bulk density	0.400 – 0.550 g/ml
Ash content	10 - 14 %
<b>Redispersion</b> (50 % solids):	
Minimum film formation temperature (MFFT)	ca. 3 °C
pH	5.5 – 7.5

(<sup>1</sup>)These data are typical values and cannot be considered as a specification. For product handling and safety aspects, please refer to the Safety Data Sheet.

## **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

## **Handling**

DOW™ Latex Powder (DLP) 211 Redispersible Latex Powder product is a free-flowing powder, and as such can create dust. Avoid dust build-up. Fine dust of this product can form explosive mixtures with air and could pose fire and explosion hazard; keep away from ignition sources. Take precautions to avoid accumulation of static charge. Practice care and caution to avoid explosive conditions.

## **Storage**

DLP 211 Redispersible Latex Powder should be stored in a dry and cool environment. Storage in high humidity and temperature will increase the risk of blocking. Storage under pressure should also be avoided. Do not stack pallets on top of each other. Please consult the SDS for information on the product shelf life.

## **Disposal**

Typically, DLP 211 Redispersible Latex Powder products can be disposed of by industrial incineration or in an approved landfill, providing regulations are observed. Customers are advised to review their local, state, provincial, or national regulations governing the disposal of waste materials to confirm the appropriate means of disposal in their area.

## **Chemical Registration**

Many countries require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. The Dow Chemical Company does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

## **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.

**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.

**EMEA Toll Call**

**0031-11567-2626**

**Italy Toll-Free National**

**00800-783-825**

**South Africa Toll-Free National**

**00800-99-5078**

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