

Technical Data Sheet

VV™ LuminaMatrix™ Natural

INCI Name: Mica/Muscovite Mica

Revision 00

Effective Date: April 2026

Description:

VV™ LuminaMatrix™ Natural offers superior performance and has an average particle size of 24µm. It contains very thin, flat and smooth surfaces. **VV™ LuminaMatrix™ Natural** offers exceptional transparency, good sheen and coverage. **VV™ LuminaMatrix™ Natural** can be used in a variety of applications, including emulsions, hot pours, and powders found in Skin Care, Color Cosmetics and Toiletry products. **VV™ LuminaMatrix™ Natural** contributes to a finished product by adding bulking properties, an enhanced skin feel, luster, shimmer, shine and often times sheen while helping to fill in the lines on the skin. **VV™ LuminaMatrix™ Natural** is a very cost-effective Mica.

Typical Properties:

Property	Value
Appearance	Matt White Powder
Loose Bulk Density (g/cc)	0.12 - 0.18
Loss on Drying (110°C, 15 minutes)	Below 0.5%
Loss on Ignition (650°C, 20 minutes)	Below 3%
pH (10% w/v suspension)	7 - 9
Heavy Metals:	
Lead (As Pb)	Below 10 ppm
Arsenic (As As)	Below 3 ppm
Mercury (As Hg)	Below 1 ppm
Acid Solubility	Below 2%
Particle Size Distribution (% retention):	
250µ	Nil
150µ	Max. 0.1
45µ	12 - 18
Microbiology	<100CFU. Pathogens absent.

These figures are only intended as a guide and should not be used in preparing specifications.

Areas of Application:

- Skin Care
- Eye Make-up
- Talc Free Pressed Powder
- Make-up Foundation
- Sun Care
- Lip Make-up
- Deodorant Sticks



Technical Data Sheet

VV™ LuminaMatrix™ Natural

INCI Name: Mica/Muscovite Mica

Revision 00

Effective Date: April 2026

Levels Of Use:

Suggested use level of 1%-90%

Storage

Store in a cool and dry place, in a closed container. Store away from excessive heat. Shelf-life is 24 months from date of production.

Safety and Handling

No special protection required while handling. Material Safety Data Sheet available on request.

Limitation

Customers must evaluate **VV™ LuminaMatrix™ Natural** and make their own determination as to fitness of use in their applications. This product is not recommended for use in pressurised applications.

Packaging

Available packed in Corrugated Boxes of 1Kg / 5Kg / 20 Kg

Disclaimer

The data and statements contained herein are based on our research and/or the research of others and are believed to be accurate. No guarantee of their accuracy is made however, and unless expressly stated in a written contract, the product(s) discussed herein are sold without conditions or warranties, expressed or implied. Purchasers are advised to make their own tests to determine the suitability of this product for their purposes. Nothing contained herein shall be construed as a recommendation to use or as a license to operate under or to infringe on any existing patent.