

**dupré**  
**Micashield™**  
**Vermiculite Dispersion**  
**DM359**

**DESCRIPTION**

Dupre Minerals' MicaShield DM359 is Micashield DM338s with organic adhesion promoters. It is a stable, water based dispersion, manufactured by the carefully controlled chemical exfoliation of specially selected vermiculite ores. The subsequent high aspect ratio of the MicaShield dispersion product range offer temperature resistant coatings up to 1100 °C.

The solids content (measured at 110 °C) of this product is fixed at 17.5 %.

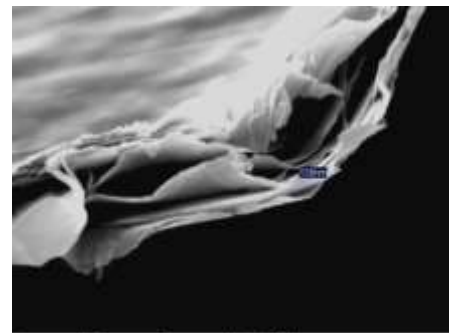
MicaShield is a non-toxic, safe and easy to use product that is environmentally safe.

**WHY USE MICASHIELD?**

- *Protective coating for Fibre Glass Textiles*
- *Flame and Heat Protective Barriers*
- *Specialist Films/Coatings*

**HOW TO APPLY MICASHIELD**

- *Conventional industrial textile coating techniques.*
- *Dilute with de-mineralised water to the appropriate solids content for the level of coating required.*
- *Dipping.*



*Electron Microscope Image*

**TYPICAL PROPERTIES**

<b>D<sub>90</sub></b> (90% of particles less than)	160 – 200 µm	<b>pH</b>	6 – 9
<b>Solids Content</b>	17.5 ± 0.1 %	<b>Organic Additives</b>	10 to 20 % (Dry mass basis)
<b>Viscosity</b>	3000 – 7000 cP	<b>Colour</b>	Gold / brown

*ISSUE 150117*

*Information presented above is given in good faith as accurate and reliable but is not to be taken as a guarantee. The figures provided are intended to be a guide to expected average values and should not be interpreted as a specification. Any potential applications referred to are not to be construed as recommendations. It is the responsibility of the user to determine suitability for any specific purpose.*

**Dupré Minerals Ltd.** Spencroft Road, Newcastle-under-Lyme, Staffordshire, England. ST5 9JE  
**Telephone:** +44 (0) 1782 383000 **Fax:** +44 (0) 1782 383101 **E-mail:** [info@dupreminerals.com](mailto:info@dupreminerals.com)