

FIRE EXTINGUISHING AGENT

AVD

Dupré Minerals' AVD, fire extinguishing agent, is composed of high aspect ratio vermiculite platelets in water; vermiculite is the name given to a group of hydrated laminar aluminium-iron-magnesium silicates. AVDis a highly beneficiated, tightly-controlled formulation for use as the fire extinguishing agent.

AVD is a new and revolutionary extinguishing agent which has been developed during the past few years in response to the demand for products which can deal with high temperature flammable metal fires and lithium iron and lithium polymer battery fires. AVD offers a significant performance improvement over conventional extinguishing agents when applied to these very particular fire types.

AVD has undergone extensive testing with a variety of delivery systems and is suitable for application using standard fire extinguishing equipment via a specialized misting nozzle.



WHAT IS AVD?

A natural mineral-based fire-extinguishing agent.

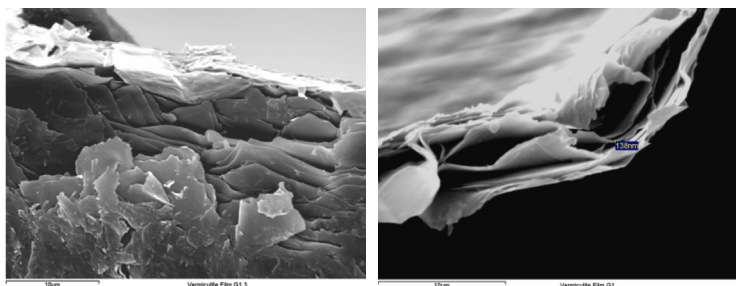
A gold/brown, stable, aqueous suspension of vermiculite platelets.

AVD is non flammable and has excellent thermal insulation properties.

TYPICAL PROPERTIES OF AVD

AVD has a solids content of 16-18%

AVD has a viscosity is 2,000 to 4,000 cP.



* This nozzle can be supplied by Dupré upon request..

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** The technical data provided herein reflects typical indicative results of testing of products under controlled conditions, to provide the best information to allow end users, specifiers, installers contractors, retailers and alike to determine the suitability of Dupré products for intended application.

PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® / NAF S 227 (HFC-227ea.)
Ecaro 125® / NAF S 125 (HFC-125)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Compressed Air Foam
Marine & Offshore
Vapour Mitigation

Support Services



Design / Engineering
Technical Support
Services & Testing

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