

## CAB-O-SIL<sup>®</sup> M-5 Fumed Silica



**CAB-O-SIL M-5 fumed silica is a medium surface fumed silica which enables a significant increase in viscosity in liquid systems, free flow of powders and reinforcement of silicone and organic rubbers.**

**All untreated fumed silicas are characterized by:**

- High purity
- Aggregated structure
- Submicron particle size
- Low bulk density
- Hydrophilic surface

### **Application Information**

#### **Rheology Control for Coatings, Adhesive and other Liquid Systems**

CAB-O-SIL M-5 fumed silica is widely used to provide thickening, thixotropic (shear thinning), and anti-settling behavior in liquid systems. CAB-O-SIL M-5 fumed silica is most efficient in non-polar to medium polarity systems. For more polar systems, treated fumed silicas are more effective. This product offers an excellent balance of thickening efficiency and dispersibility.

#### **Free-flow of Powder Systems**

When blended into sticky and poorly flowing powder systems, CAB-O-SIL M-5 fumed silica reduces the angle of repose and improves powder flow. During storage of powder systems, CAB-O-SIL M-5 fumed silica can reduce caking and blocking.

#### **Reinforcement of Silicone and Organic Rubber**

CAB-O-SIL M-5 fumed silica can be used for reinforcement of silicone and organic rubbers. It imparts increases in hardness, tensile strength and elongation.

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## Packaging Options

CAB-O-SIL M-5 fumed silica is packaged in multi-wall Kraft paper bags and flexible intermediate bulk containers (FIBCs). In North America it is available in poly-shrouded units containing 18 x 10 lb. paper bags (180 lb. net weight) and in 250 lb. FIBCs. In Europe and Asia it is available in poly-shrouded units containing 18 x 10 kg paper bags (180 kg net weight) and in 150 kg FIBCs.

## Material Safety Data Sheet

A Material Safety Data Sheet for this product may be obtained from your local Cabot representative or can be downloaded from our website at [cabotcorp.com](http://cabotcorp.com).

## Product Sales Specifications

Sales specifications for this product may be obtained from your local Cabot representative.



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