

## UNTREATED FUMED SILICA



# CAB-O-SIL® M-5

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



#### Free-flow of Powder Systems:

When blended into sticky and poorly flowing powder systems, M-5 reduces angle of repose and improves powder flow. During storage of powder systems,



M-5 reduces caking and blocking.

#### Reinforcement of Silicone and Organic Rubber:

CAB-O-SIL M-5 can be used for reinforcement of silicone rubber and can be used to reinforce organic rubbers. It imparts good increase in hardness, tensile and elongation.



**Packaging Options:**

CAB-O-SIL M-5 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 by contacting the Cabot Corporation office in your region or can be downloaded from our website:

[www.cabot-corp.com](http://www.cabot-corp.com)

**Product Sales Specifications:**

Sales specifications for this product may be obtained by contacting a sales or technical service manager at the Cabot Corporation office in your region.

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