

## CAB-O-SIL® HS-5

**CAB-O-SIL HS-5** is a high surface fumed silica which imparts significant increase in viscosity in liquid systems and in reinforcement of sealants and 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 HS-5 can be used to provide thickening, thixotropic (shear-thinning), and anti-settling behavior in liquid systems. High shear dispersion equipment is required to realize the full benefits of HS-5. For clear coatings and other systems, very well dispersed HS-5 provides good transparency.

CAB-O-SIL HS-5 is most efficient in non-polar to medium polar systems. For more polar systems, treated fumed silicas are more efficient.

#### Reinforcement of Silicone and Organic Rubber:

CAB-O-SIL HS-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 HS-5 is packaged in multi-wall Kraft paper bags and flexible intermediate bulk containers (FIBCs). It is available in poly-shrouded units containing 18 x 10 lb. paper bags (180 lb. net weight) and in 250 lb. FIBCs.

#### 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.

#### 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)

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