

## CAB-O-SIL® EH-5

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

Untreated fumed silicas are most efficient in non-polar to medium polar systems. For polar systems treated fumed silicas may be more efficient.

#### Reinforcement of Silicone and Organic Rubber:

CAB-O-SIL EH-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. For clear silicone rubber applications, very well dispersed EH-5 provides the greatest transparency.

#### Packaging Options:

CAB-O-SIL EH-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 it is available in poly-shrouded units containing 18 x 10 kg paper bags (180 kg net weight) and in 150 kg 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)

This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. Cabot disclaims all warranties express or implied, including merchantability or fitness for a particular purpose as to (i) such information, (ii) any product or (iii) intellectual property infringement. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.

#### NORTH AMERICA

Cabot Corporation  
Business and Technical Center  
157 Concord Road  
Billerica, MA 01821-7001  
USA  
Customer Service:  
Phone: (800) 526-7591  
Technical Service:  
Phone: +1 (978) 663-3455  
Phone: (800) 462-2313  
Fax: +1 (978) 670-6167

#### EUROPE

Cabot  
Interleuvenlaan 15 I  
B-3001 Leuven  
BELGIUM  
Tel: +32 16 39 24 00  
Fax: +32 16 39 24 44

#### ASIA/ PACIFIC

Cabot Specialty Chemicals  
Level 21 MNI Tower 2  
11, Jalan Pinang  
50450 Kuala Lumpur  
MALAYSIA  
Phone: +60 3 2164 8352  
Fax: +60 3 2161 0253

#### SOUTH AMERICA

Cabot Latin America Division  
Rua do Paraiso, 148 - 5º andar  
CEP 04103-000, São Paulo  
SP BRAZIL  
Customer Service:  
Phone: +55 11 2144 6400  
Fax: +55 11 3253 0051

#### CHINA

Cabot (China) Limited  
558 Shuangbai Lu  
Wujing Shanghai  
201108  
CHINA  
Phone: +86 21 5175 8800  
Fax: +86 21 6434 5532