



PPG HI-SIL[®] Thickening Agents

COATINGS, SEALANTS AND ADHESIVES

Our Silica Products business offers a product line of synthetic amorphous precipitated silica thickening agents that are rheology modifiers and anti-sag/suspension agents for polyester gel coatings, plastisols, inks, adhesives, caulks and sealants. Our products cover a wide range of **median particle size, oil absorption** and **surface area** performance properties in order to provide you with maximum formulation flexibility.

Benefits

- Compatible with a range of flocculants, associative thickeners and dispersion aids
- Adjusts rheology without changing other system characteristics
- Enhanced thixotropy in non-polar solvent systems



Product Offering

Hi-Sil T-800

Hi-Sil T-152

Hi-Sil T-700

Hi-Sil T-600



Typical Properties

	Particle Size* (μm)	DOA-Oil Absorption Number (mL/100g)	N ₂ BET Surface Area (m ² /g)	pH
<i>Hi-Sil T-800</i>	2.5	270	190	6.9
<i>Hi-Sil T-152</i>	4	265	130	6.9
<i>Hi-Sil T-700</i>	4	275	190	6.9
<i>Hi-Sil T-600</i>	5.5	230	150	6.9

* Median particle diameter by laser diffraction.

Samples

Samples are available per request from customer service.

Packaging

Standard packaging in small bags are unitized for shipping on pallets and stretch wrapped with clear plastic film. Please consult with customer service or your sales representative regarding additional packaging options including custom package sizes.

Storage

To ensure product integrity, we recommend that our silica products be stored under dry, clean conditions, protected against exposure to direct sunlight and other substances, and used within 12 months of the date of manufacture. PPG silica products that are stored for more than one year from the date of manufacture should be tested for moisture content.

Safety and Health Effects

We recommend that, before use, anyone using or handling this product thoroughly read and understand the information and precautions on the label, as well as in other product safety publications such as the Safety Data Sheet. Any health hazard and safety information contained herein should be passed on to your customers or employees, as the case may be. The products mentioned herein can be hazardous if not used properly. Like all potentially hazardous materials, this product must be kept out of the reach of children.

Product Safety and Regulatory Information

For the latest product safety and regulatory information, please reference the Safety Data Sheets at www.ppgsilica.com.



USA
PPG Silica Products
440 College Park Drive
Monroeville, PA 15146 USA

Customer Service: 1-800-243-6745
Technical Service: 1-800-764-7369
E-mail: silicacustserv@ppg.com

EUROPE
PPG Delfzijl Plant
P.O. Box 181
9930 AD Delfzijl, The Netherlands

Customer Service: +31-596-676710
Technical Service: +31-596-676710
E-mail: csdelfzijl@ppg.com

