

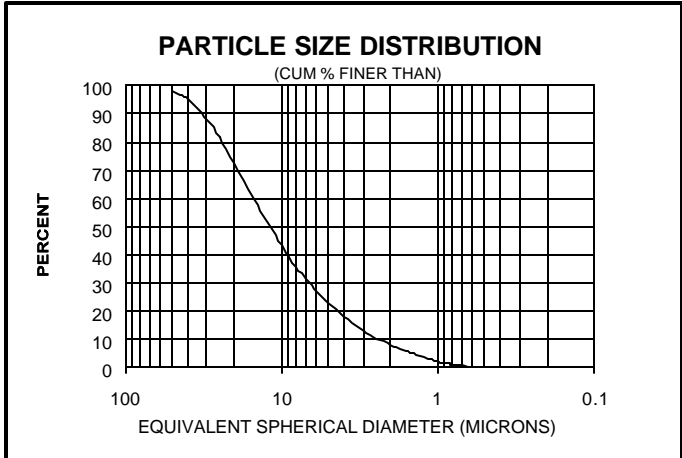


# PRODUCT DATA

## SIL-CO-SIL<sup>®</sup> 53

**FINE GROUND SILICA**

PLANT: OTTAWA, ILLINOIS



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MICRONS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
140	106	0.0	0.0	100.0
200	75	0.5	0.5	99.5
270	53	2.5	3.0	97.0
325	45	2.0	5.0	95.0

### TYPICAL PHYSICAL PROPERTIES

HARDNESS (Mohs) .....	7	REFLECTANCE (%) .....	81.5
HEGMAN .....	3	YELLOWNESS INDEX .....	3.4
pH .....	7	SPECIFIC GRAVITY .....	2.65

### TYPICAL CHEMICAL ANALYSIS, %

SiO <sub>2</sub> (Silicon Dioxide) .....	99.8	MgO (Magnesium Oxide) .....	<0.01
Fe <sub>2</sub> O <sub>3</sub> (Iron Oxide) .....	0.035	Na <sub>2</sub> O (Sodium Oxide) .....	<0.01
Al <sub>2</sub> O <sub>3</sub> (Aluminum Oxide) .....	0.05	K <sub>2</sub> O (Potassium Oxide) .....	<0.01
TiO <sub>2</sub> (Titanium Dioxide) .....	0.02	LOI (Loss on Ignition) .....	0.1
CaO (Calcium Oxide) .....	0.01		

December 15, 1997

**DISCLAIMER:** The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. U.S. Silica Company makes no representation or warranty concerning the Products, expressed or implied, by this Product Data Sheet.

**WARNING:** The product contains crystalline silica - quartz, which can cause silicosis (an occupational lung disease) and lung cancer. For detailed information on the potential health effect of crystalline silica - quartz, see the U.S. Silica Company Material Safety Data Sheet.