

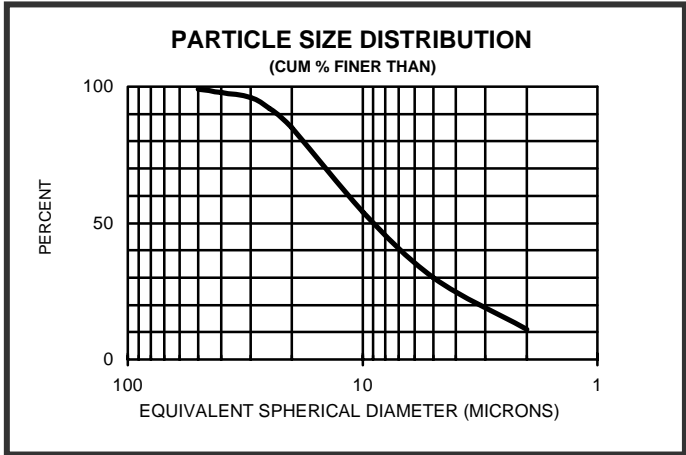


# PRODUCT DATA

## MIN-U-SIL<sup>®</sup> 40

**FINE GROUND SILICA**

PLANT: PACIFIC, MISSOURI



## TYPICAL PHYSICAL PROPERTIES

BULK DENSITY-COMPACTED (lbs/ft <sup>3</sup> ).....	67	pH.....	7.5
BULK DENSITY-UNCOMPACTED (lbs/ft <sup>3</sup> ).....	50	-40 MICRON (%).....	98
HARDNESS (Mohs).....	7	+325 MESH (%).....	1.0
HEGMAN.....	5.5	REFLECTANCE (%).....	93
MEDIAN DIAMETER (Microns).....	8.71	YELLOWNESS INDEX.....	2.8
OIL ABSORPTION (D-1483).....	25.5	SPECIFIC GRAVITY.....	2.65

## TYPICAL CHEMICAL ANALYSIS, %

SiO <sub>2</sub> (Silicon Dioxide).....	99.6	MgO (Magnesium Oxide).....	0.01
Fe <sub>2</sub> O <sub>3</sub> (Iron Oxide).....	0.014	Na <sub>2</sub> O (Sodium Oxide).....	<0.01
Al <sub>2</sub> O <sub>3</sub> (Aluminum Oxide).....	0.23	K <sub>2</sub> O (Potassium Oxide).....	0.01
TiO <sub>2</sub> (Titanium Dioxide).....	0.01	LOI (Loss on Ignition).....	0.2
CaO (Calcium Oxide).....	0.03		

September 10, 2007

**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.