

Safety Data Sheet

Date last Revised 12/28/2012

I. General Information

Chemical Name & Synonyms Silica	Trade Name & Synonyms Filter Media
Chemical Family Silicate	Formula
Proper DOT Shipping Name	DOT Hazard Classification
Manufacturer Consolidated Aggregates LLC	Manufacturer's Phone Number (601) 798-3158 - Plant
Manufacturer's Address 1205 Palestine Road Bldg B / Picayune, Ms	Chemtrec Phone Number

II. Ingredients

Principal Hazardous Component	Percent	Threshold Limit Value (units)
SILICA CRYSTALLINE (QUARTZ)	99.5	
Si O2		

III. Physical Data

Boiling Point (F) N.A.	Specific Gravity (H2O = 1) 2.65
Vapor Pressure (mm Hg.) N.A.	Percent Volatile By Volume (%) N.A.
Vapor Density (Air=1) N.A.	Evaporation Rate (_____ = 1) N.A.
Solubility in Water INSOLUBLE IN WATER	pH N.A.
Appearance & Odor SAND STONE, TAN, OR WHITE GRANULES AND ODORLESS	

IV. Fire & Explosion Data

Flash Point (Test Method) Will not ignite	Auto Ignition Temperature N.A.	
Flammable Limits N.A.	LEL	UEL
Extinguishing Media N.A.		
Special Fire Fighting Procedures None		
Unusual Fire & Explosion Hazards None		

V. Health Hazard Data

OSHA Permissible Exposure Limit 0.1 mg/m3 8 Hr TWA	ACGIH Threshold Limit Value CRYSTALLINE QUARTZ 0.1 mg/m3 8Hr. TWA
Carcinogen - NTP Program	Carcinogen - IARC Program

Symptoms of Exposure

DRY SKIN, IRRITATED EYES

Medical Conditions Aggravated by Exposure
OVER EXPOSURE TO INHALED QUARTZ DUST WITHOUT THE PROPER SAFETY EQUIPMENT APPROVED BY OSHA MAY LEAD TO CHRONIC FIBROTIC LUNG DISEASE KNOWN AS SILICOSIS.

Primary Route(s) of Entry

Emergency First Aid
IRRIGATE EYES WITH WATER
WASH AFFECTED AREAS OF THE BODY WITH SOAP AND WATER

VI. Reactivity Data

Stability		Unstable	Conditions To Avoid
	X	Stable	None
Incompatibility			Materials To Avoid
Hazardous Polymerization		None	Conditions To Avoid
		Will Not Occur	None

Hazardous Decomposition Products

VII. Environmental Protection Procedures

Spill Response
VACUME, SHOVEL OR SWEEP WHILE AVOIDING EXCESSIVE AGITATION TO KEEP THE DUST DOWN

Waste Disposal Method
FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS FOR DISPOSING

VIII. Special Protection Information

Eye Protection USE OSHA CERTIFIED GOGGLES OR SAFETY GLASSES	Skin Protection GLOVES, BOOTS AND CLOTHING TO PROTECT SKIN.
Respiratory Protection (Specific Type)	Ventilation Recon
Other Protection	ENVIRONMENT.

IX. Special Precautions

Hygienic Practices In Handling & Storage USE DUSTLESS SYSTEMS FOR HANDLING, STORAGE, AND CLEANUP SO THAT AIRBORNE DUST DOES NOT EXCEED THE PFI. USE ADEQUATE VENTILATION AND DUST COLLECTION. PRACTICE GOOD HOUSEKEEPING. DO NOT PERMIT DUST TO COLLECT ON WALLS, FLOORS, SILLS, LEDGE MACHINERY OR EQUIPMENT. MAINTAIN, CLEAN AND TEST RESPIRATORS IN ACCORDANCE WITH OSHA REGULATIONS.

Precaution For Repair & Maintenance Of Contaminated Equipment: MAINTAIN AND TEST VENTILATION AND DUST COLLECTION EQUIPMENT. WASH CLOTHING WHICH HAS BECOME DUSTY; DO NOT BEAT THE DUST FROM THE CLOTHING. WE RECOMMEND THAT BE PROHIBITED IN ALL AREAS WHERE RESPIRATORS MUST BE USED. WARN YOUR EMPLOYEES (AND CUSTOMER USERS IN CASE OF RESALE) BY POSTING AND OTHER MEANS OF THE HAZARD AND OSHA PRECAUTIONS TO BE USED. PROVIDE TRAINING FOR YOUR EMPLOYEES ABOUT PRECAUTIONS.