



MATERIAL SAFETY DATA SHEET

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 1-613-996-6666 – CANUTEC – Transportation Emergency
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Q'STOP FINE, MEDIUM, COARSE

SECTION I: IDENTIFICATION OF PRODUCT

Product Name: Q'STOP FINE, MEDIUM, COARSE
Chemical Family: Cellulose
WHMIS Classification: D2A
Workplace Hazard: May cause eye, skin, and respiratory tract irritation

Product Use: Lost circulation control
TDG Classification: Not regulated
Packaging Group: Not applicable
PIN: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

Ingredients	Percent	CAS Number	LD ₅₀ (Rat/Oral)	LC ₅₀ (Rat/Inh)
Cellulose	99-100	9004-34-6	>5000 mg/kg Dermal LD50: >2000	>5800 ml/m ³
ChrySTALLINE Silica	0.1-1	14808-60-7	-	-

SECTION III: TOXICOLOGICAL PROPERTIES

Route of entry: Skin Eye Contact Inhalation Ingestion

Effects of acute exposure: May cause mechanical irritation to the eyes. May cause mechanical irritation to the skin. Long-term contact can cause skin dryness. Inhalation: May cause mechanical irritation. May cause gastric distress, nausea and vomiting if ingested.

Effects of chronic exposure: Cancer hazard. Contains crystalline silica, which may cause lung cancer. Long term inhalation of particulate can cause irritation, inflammation and/or permanent injury to the lungs. Illnesses such as pneumoconiosis ("dusty lung"), pulmonary fibrosis, chronic bronchitis, emphysema and bronchial asthma may develop.

Exposure limits:

Ingredients	ACGIH TLV TWA	OSHA PEL TWA	Other	Notes
Silica, crystalline, quartz	0.05 mg/m ³	PEL for Mineral Dusts containing crystalline silica are 10 mg/m ³ / (%SiO ₂ +2) for quartz and 1/2 the calculated quartz value for cristobalite and tridymite.	3NIOSH: 0.05 (R) mg/m ³ TW A 10H day/40H Wk)	Respirable fraction (ACGIH)
Cellulose	10 mg/m ³	15 mg/m ³ None (Total); 5 mg/m ³ (Respirable)		



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Irritancy of product: May cause eye, skin, and respiratory tract irritation

Sensitization to product: No information available

Carcinogenicity: Crystalline silica is the most widely occurring of all minerals. The most common form of silica is sand. The International Agency for Research on Cancer (IARC) has designated crystalline silica in the form of quartz or cristobalite a Group 1 (carcinogenic to humans). This designation was based on an increased risk of lung cancer among crystalline silica exposed workers. IARC did note that carcinogenicity of crystalline silica in humans was not detected in all industrial circumstances studied. Further, carcinogenicity of crystalline silica may be dependent on inherent characteristics of the crystalline silica or external factors affecting its biological activity or distribution of polymorphs. (IARC Vol. 68,1997, p. 41).

The National Toxicology Program (NTP) classifies crystalline silica as "reasonably anticipated to cause cancer in humans" (6th Annual Report on Carcinogens, 1991). Long-term inhalation of crystalline silica can also result in the lung disease, silicosis. Symptoms of this disease include coughing and shortness of breath. (NJ HSFS, January 1996)

Reproductive toxicity: No information available

Teratogenicity: No information available

Mutagenicity: No information available

Name of toxicological synergistic products: No information available

SECTION IV: FIRST AID MEASURES

Skin contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if any discomfort continues. **Eye contact:** Promptly wash eyes with lots of water while lifting eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Inhalation: Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Dilute with 2 - 3 glasses of water or milk, if conscious. Never give anything by mouth to an unconscious person. If signs of irritation or toxicity occur seek medical attention

SECTION V: PHYSICAL DATA

Physical state: Solid

Appearance and odour: Powder, dust. Tan. Mild (or faint) odour.

Odour threshold: Not determined

Specific gravity: 1.45 at 68 F (20 C)

Vapor pressure (mmHG): Not applicable

Vapor density (Air=1): Not applicable



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Evaporation rate: Not applicable

Boiling point (°C): Not determined

Freeze/Melting point (°C): Not determined

pH: Not determined

Co-efficient of water/oil distribution: Not applicable

SECTION VI: FIRE AND EXPLOSION DATA

Conditions of flammability: Non flammable

Means of extinguishing: Use extinguishing media appropriate to surrounding fire

Flash point: Not applicable

Upper flammable limit: Not applicable

Lower flammable limit: Not applicable

Auto-ignition temperature: Not applicable

Hazardous combustion products: Not determined

Explosion data-sensitivity to mechanical impact: Not applicable

Explosion data-sensitivity to static discharge: Particulate may accumulate static electricity. Dusts at sufficient concentrations can form explosive mixtures with air.

SECTION VII: REACTIVITY DATA

Chemically unstable (conditions): Stable.

Product incompatible with: Oxidizers

Conditions of reactivity: Keep away from heat, sparks and flame.

Hazardous decomposition products: Not determined



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SECTION VIII: PREVENTATIVE MEASURES

Personal protective equipment: Dust resistant safety goggles. Wear appropriate clothing to prevent repeated or prolonged skin contact. Chemical resistant gloves recommended for prolonged or repeated contact. Use protective gloves made have: Neoprene. Nitrile. Use at least a NIOSH-approved N95 half-mask disposable or reusable particulate respirator (dusk mask). In work environments containing oil mist/aerosol, use at least NIOSH-approved P95 half-mask disposable or reusable particulate respirator. For exposure exceeding 10 x PEL use a NIOSH-approved N100 Particulate Respirator.

Specific engineering controls: Use appropriate engineering controls such as, exhaust ventilation and process enclosure, to ensure air contamination and keep workers exposure below the applicable limits.

Procedures for leak/spills: Evacuate surrounding area, if necessary. Wet product may create a slipping hazard. Contain spilled material. Avoid the generation of dust. Sweep, vacuum, or shovel and place into closable container for disposal. Do not allow entering sewer or surface and subsurface waters. Waste must be disposed of in accordance with federal, state/provincial and local laws.

Waste disposal: Recover and reclaim or recycle, if practical. Should this product become a waste, dispose of in a permitted industrial landfill. Ensure that the containers are empty by the RCRA criteria prior to disposal in a permitted industrial landfill.

Handling procedures and equipment: Put on appropriate personal protective equipment. Avoid contact with skin and eyes. Avoid generating or breathing dust. Product is slippery if wet. Use only in a well ventilated area. Wash thoroughly after handling.

Storage requirements: Store in dry, well-ventilated area. Keep container closed. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Special shipping information: Not applicable

SECTION IX: PREPARATION

Date updated: April 1, 2010

Prepared by: Product Safety Committee

All the recommendations and suggestions herein concerning this product are based upon tests and data believed to be reliable, however it is the user's responsibility to determine the safety, toxicity and sustainability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Q'Max Solutions Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does Q'Max Solutions Inc. assume any liability arising out of use by others. Nor is the information herein to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.