

L.V. Lomas Ltd  
99 Summerlea Rd  
Brampton, Ontario, L6T 4V2  
Canada  
905-458-1555



PRODUCT: Cab-O-Sil M-5

CODE: CABM5

### Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER..... CABOT CORPORATION  
700 E U.S. Highway 36  
Tuscola  
IL  
USA  
61953-9643  
217-253-3370

PRODUCT NAME..... Cab-O-Sil M-5  
MATERIAL USE..... Rheological control, flow agent, reinforcing agent.  
PRODUCT USE..... Not available.  
CHEMICAL FAMILY..... Siloxanes & Silicones.  
SYNONYMS..... Silicon Dioxide, Synthetic, Crystalline-Free.  
PRODUCT CODE(S)..... CABM5  
24 HOUR EMERGENCY NUMBER:..... CALL Newalta Industrial Services 1-800-567-7455.

### Section 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... Not Assessed.  
SIGNAL WORD..... Not Assessed.  
Hazard Statements ..... Not Assessed.  
Precautionary Statements..... Not Assessed.  
Other Hazards..... Not Assessed.

### Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
Silica, amorphous, cryst.-free	112945-52-5	>99.9

### Section 04: FIRST AID MEASURES

SKIN CONTACT..... Wash affected area immediately with large amounts of soap and water. If irritation develops or persists, seek medical attention.  
EYE CONTACT..... Immediately hold eyelids open and flush with water for at least 15 minutes. If irritation develops or persists, seek medical attention.  
INHALATION..... Move victim to fresh air. If breathing has stopped, perform artificial respiration. In all cases of doubt, or when symptoms persist, seek medical attention.  
INGESTION..... DO NOT induce vomiting. Drink 1 or 2 glasses of water. If necessary, seek medical attention.  
NOTES TO PHYSICIAN..... Treat symptomatically.

### Section 05: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA..... Water spray, foam, dry powder or carbon dioxide.  
HAZARDOUS COMBUSTION PRODUCTS..... None.  
SPECIAL FIRE FIGHTING PROCEDURES..... Firefighters should wear protective equipment as required.  
UNUSUAL FIRE / EXPLOSION HAZARDS.. None.

### Section 06: ACCIDENTAL RELEASE MEASURES

LEAKS AND SPILLS..... Avoid creating dust. Vacuum/shovel up and transfer into a drum for reuse or disposal. Do not allow product to enter sewers or waterways. Wear protective clothing during cleanup.

### Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... Avoid inhalation and ingestion. Avoid creation of respirable dust. Avoid contact with eyes and skin. Wash skin thoroughly after handling and before eating or smoking. Ground electrical equipment. Use good industrial hygiene practices in handling this material.  
STORAGE NEEDS..... Keep container tightly closed. . Keep at ambient temperature. Store in a cool, dry, well-ventilated area.

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## Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Silica, amorphous, cryst.-free	10 mg/m3 (total dust)	3 mg/m3 (respirable)		6 mg/m3		
	15 mg/m3 respirable; 5 mg/m3 total dust					
VENTILATION REQUIREMENTS.....	Use under well-ventilated conditions.					
PROTECTIVE EQUIPMENT EYE/TYPE.....	Safety glasses or goggles recommended. Eye wash fountains and emergency showers are recommended.					
RESPIRATORY/TYPE.....	A NIOSH/OSHA approved dust respirator should be worn. Consult your supplier of personal protective equipment for additional instructions on proper usage for nuisance dust.					
GLOVES/ TYPE.....	Wear protective gloves.					
CLOTHING/TYPE.....	Protective clothing should be selected based on the task being performed and the risks involved.					

## Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....	White. Powder.
ODOUR.....	Odourless.
ODOUR THRESHOLD (ppm).....	Not applicable.
pH.....	3.6 - 4.5.
FREEZING POINT ( °C).....	Not applicable.
MELTING POINT (°C).....	1700 C.
BOILING POINT (°C).....	2230 C.
FLASH POINT (°C), METHOD.....	Not applicable.
EVAPORATION RATE.....	Not applicable.
FLAMMABILITY.....	Com I.
UPPER FLAMMABLE LIMIT (% VOL).....	Not applicable.
LOWER FLAMMABLE LIMIT (% VOL).....	Not applicable.
VAPOUR PRESSURE (mm Hg).....	Not applicable.
VAPOUR DENSITY (AIR=1).....	Not applicable.
SPECIFIC GRAVITY.....	Not available.
BULK DENSITY.....	30 - 150 kg/m3.
DENSITY.....	2.2 g/cm3 @ 20 C.
SOLUBILITY IN WATER (% W/W).....	Insoluble.
COEFFICIENT OF WATER/OIL .....	Not applicable.
DISTRIBUTION	
AUTO IGNITION TEMPERATURE (°C).....	Not applicable.

## Section 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION.....	Will not occur.
STABILITY.....	Stable.
INCOMPATIBILITY.....	Not available.
CONDITIONS TO AVOID.....	None known.
SENSITIVITY TO STATIC DISCHARGE.....	Take precautionary measures against static discharges.
HAZARDOUS PRODUCTS OF .....	None known.
DECOMPOSITION	

## Section 11: TOXICOLOGICAL INFORMATION

Ingredients	LC50	LD50
Silica, amorphous, cryst.-free	Dermal Rabbit >2000 mg/kg	Oral Rat - >5000 mg/kg
ROUTE OF ENTRY .....	Eye contact. Skin contact. Inhalation. Ingestion.	
SKIN CONTACT.....	May cause mild irritation. Avoid skin contact.	
EYE CONTACT.....	May cause eye irritation. Avoid eye contact.	
INHALATION.....	May cause irritation of nose, throat or respiratory tract. Avoid inhalation.	
INGESTION.....	Do not ingest. Not expected to be a health hazard.	
MEDICAL CONDITIONS AFFECTED BY .... EXPOSURE	Not available.	
SIGNS OF OVER EXPOSURE.....	Not available.	
TOXICITY EFFECTS ON ANIMALS.....	Non-irritating.	
TOXIC EFFECTS ON HUMANS.....	May cause eye irritation. May cause skin irritation.	
CHRONIC EFFECTS ON HUMANS.....	Not available.	
TERATOGENICITY.....	Not available.	
MUTAGENICITY.....	No evidence of mutagenic effects.	
REPRODUCTIVE EFFECTS.....	No evidence of reproductive effects.	

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**Section 11: TOXICOLOGICAL INFORMATION**

CARCINOGENICITY..... No evidence of carcinogenic effects according to ACGIH or IARC.

**Section 12: ECOLOGICAL INFORMATION**

ECOTOXICITY DATA..... 96 hr LC50 (brachydanio rerio) >10,000 mg/L.  
 PRODUCTS OF DEGRADATION..... Not available.  
 BIODEGRADABILITY..... Not available.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.

**Section 14: TRANSPORT INFORMATION**

TDG CLASSIFICATION..... Not regulated under TDG (Canada).

**Section 15: REGULATORY INFORMATION**

CEPA STATUS..... All the ingredients are on the DSL list.  
 CONTROLLED PRODUCTS REGULATIONS This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this document contains all the information required by the Controlled Products Regulations.  
 WHMIS CLASSIFICATION..... This is not a WHMIS controlled product.  
 U.S. TSCA INVENTORY STATUS..... All components of this product are listed on the TSCA Chemical Substances Inventory or are exempt.

**Section 16: OTHER INFORMATION**

REFERENCES..... Manufacturer's Material Safety Data Sheet.  
 TELEPHONE NUMBER:..... 905-458-7111.  
 PREPARED BY:..... Regulatory Affairs  
 PREPARATION DATE..... Mar16/15  
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