

1. CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME – Colloidal Silica AKA Cab-o-Sil, Aerosil

PRODUCT CLASS - Untreated Fumed Silica

MAS Part Number 25-001, 25-002, 25-009

MANUFACTURER - Phoenix Resins, Inc.
2615 River Road #3A
Cinnaminson, NJ 08077



PRODUCT EMERGENCY NUMBERS - 1-888-627-3769 (company)
CHEMTREC -1800-424-9300

2. COMPOSITION / INFORMATION On INGREDIENTS

DESCRIPTION – Amorphous Fumed Silica

CAS NUMBER - 112945-52-5 COMMON NAME: CAB-O-SIL, AEROSIL

EXPOSURE LIMITS - TLV and PEL - Not Established

LD50 ORAL - 4800 mg/kg (RABBIT)

LC50 INHALATION - 6000 mg/kg (RABBIT)

3. HAZARDS IDENTIFICATION

CHRONIC EFFECTS - (Cancer) Not listed as a carcinogen by IARC, NTP Z List or OSHA

EYE - Will cause irritation at high dust levels

INHALATION - Temporary discomfort if dust levels are above industry standards

S KIN CONTACT -Can cause drying of skin

INGESTION - None expected

HMIS HAZARD RATING

HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 PERS. PROTECT. 0

CARCINOGENICITY - Not listed as an IARC, OSHA or ACGIH potential carcinogen SPECIAL

PROCEDURES IN HANDLING AND STORAGE - Emergency eyewash stations and safety

showers must be close to any area of possible exposure. Dry powdered materials can build static electrical charges when subjected to friction. Proper precautions when using CAB-O-SIL fumed silica in the presence of flammable or explosive gases and liquids should be taken to prevent accidents.

4. FIRST AID MEASURES

EYES - Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.

SKIN - Not hazardous. Wash for personal hygienic reasons

INGESTION – Not hazardous. No treatment recommended.

INHALATION- Not hazardous. In case of discomfort, remove exposed individual to fresh air.

5. FIREFIGHTING MEASURES

FLAMMABILITY CLASSIFICATION - Not applicable

FLASH POINT N/A

LOWER EXPLOSIVE LIMITS N/A

EXTINGUISHING MEDIA N/A

FIRE & EXPLOSIVE HAZARDS N/A

Cab-O-Sil fumes silica is an inorganic dust and will not create nor support conditions that would result in a dust explosion or fire.

6. ACCIDENTAL RELEASE MEASURES

IN THE EVENT OF A SPILL - - Spill may be collected preferable by vacuum, and placed in suitable container for disposal

WASTE DISPOSAL METHOD - Fumed silica is not a hazardous waste. Dispose of in landfill or by incineration in accordance with international, national, U.S federal and local laws and regulations.

7. HANDLING, STORAGE AND PERSONAL PROTECTION

VENTILATION - Use and store only with adequate ventilation or use respiratory protection. Take precaution against possible build up of electrostatic charge. Assess manual handling of bagged product.

STORAGE: Product should be stored dry and away from volatile chemicals

HYGIENIC PRACTICES – Avoid eye contact. Wash exposed skin frequently. Wash work clothing to remove dust.

SPECIAL PRECAUTIONS – Avoid creating dust. Clean up spills promptly.

8. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY -	N/A
VAPOR PRESSURE	N/A
SPECIFIC GRAVITY	2.2 g/cm ³ @ 25 degrees C
SOLUBILITY IN WATER	Insoluble in cold and hot water
APPEARANCE	White solid powder
ODOR -	None

9. STABILITY AND REACTIVITY

STABILITY	Stable
HAZARDOUS POLYMERIZATION	None
HAZARDOUS DECOMPOSITION	None
CONDITIONS TO AVOID	None

10. TRANSPORTATION AND REGULATORY INFORMATION

DOT 49CFR172.101-102 CLASSIFICATION	Not Classified		
DOT SHIPPING NAME	Not Regulated		
TCSA - On 40CFR710 Section 8b Chemical Substances Inventory and Canadian Domestic Substances List			
SARA/ TITLE III - Section 311/312	Not Hazardous	Section 313 Listed Chemicals	None
CERCLA - Not subject to any special reporting requirements	WHMIS	D2B	

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