

MATERIAL SAFETY DATA SHEET

PRO FLOR TOP POWDER

Manufacturer's Name CGM, Inc.	Emergency Telephone Number 215-638-4400 OR 800-523-6570
Address: 1445 Ford Rd. Bensalem, Pa. 19020	Telephone Number for Information 215-638-4400
Prepared By: Fred Kinney	Date Prepared JANUARY 27, 2003
Signature:	Title: Director Technical Operations

SECTION II - HAZARD INGREDIENTS/IDENTITY INFORMATION

MATERIAL OR COMPONENT	CAS #	%	HAZARDOUS DATA
Silica Sand*	14808-60-7	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: 0.1 mg/m ³
Portland Cement	65997-65-3	20-40	OSHA PEL: 10 mg/m ³ ACGIH TLV: 50mppcf
Calcium Carbonate	1317-65-3	20-30	OSHA PEL: N/A ACGIH TLV: N/A
Boiling Point N/A			Specific Gravity (H ₂ O = 1) 2.98
Vapor Pressure (mm Hg.) None			pH: 8.5-9.8
Vapor Density (AIR = 1) None			Evaporation Rate None (Butyl Acetate = 1)

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A	Hazardous Combustion Products: N/A
Flammable Limits:	Upper N/A Lower N/A
Sensitivity to Impact: N/A	Flammability: None
Autoignition Temperature: N/A	Explosion Data: N/A

SECTION IV – HEALTH HAZARD DATA

Route(s) of Entry: Yes	Inhalation Yes	Skin Open cuts or wounds	Ingestion Yes
Health Hazards (<i>Acute and Chronic</i>) Excessive and/or long term inhalation may cause silicosis and/or lung disease. Short Term exposure may cause irritation to nose, throat, and respiratory passages.			
Symptoms of Exposure: Exposure to skin may cause rash and redness. Inhalation may cause coughing, shortness of breath, wheezing and pulmonary disorders.			
Emergency First Aid: Inhalation: Seek medical attention and remove person to fresh air.			
Skin: Wash with soap and water		Eyes: Flush with copious amounts of clean water for fifteen minutes	
Ingestion: Do not induce vomiting. Drink plenty of sugar water, followed by regular clean water			
Carcinogenicity: Yes			

The exposure limits are time-weighted average concentrations for an eight-hour workday and a forty-hour workweek.

Crystalline silica exists in several forms; the most common which is quartz. If crystalline silica (quartz) is heated to more than 870°

C, it can change to a form of crystalline silica known as trydimite, and if crystalline silica is heated to more than 1470° C, it can change to a form of crystalline silica known as cristobalite. The OSHA PEL for crystalline silica as trydimite and cristobalite is one half of the OSHA PEL for crystalline silica (quartz). The current OSHA permissible limit (PEL) for respirable dust containing crystalline silica (quartz) for the construction industry is measured in million of particles per cubic foot (mppcf) and is calculated using the formula in 29CFR* 21926.55

Continued inhalation of dust over a period of years without proper respirator and ventilation controls will cause silicosis and lung cancer. Current OSHA standard for crystalline silica (respirable dust) is 10mg silica per cubic meter of air divided by the percent SiO₂ averaged over an eight-hour work shift and for total dust is 30mg/m³ divided by the percent SiO₂ averaged over an eight-hour work shift

SECTION V – EMERGENCY AND FIRST AID PROCEDURES

Emergency and First Aid Procedures:

Eyes: May cause corneal abrasion. Do not rub eyes. Immediately flush affected eye/eyes with copious amounts of clean water for at least 15 minutes. If irritation persists, seek immediate medical attention.

Skin: Contact with skin may cause irritation and/or rash. Always wash exposed areas twice with soap and water. If irritation continues, seek medical attention. Product is alkaline and will cause burns if not thoroughly rinsed from affected area.

Ingestion: Immediately seek medical attention. Give milk or egg whites mixed with water until vomit is clear. If vomiting does not occur, induce by gagging the victim by placing a clean gloved finger at the back of the throat **NEVER INDUCE VOMITING TO AN UNCONSCIOUS PERSON.**

SECTION VI – REACTIVITY DATA

Conditions Known to Cause Instability: None known

Incompatibility/Materials to avoid: None

Hazardous Decomposition: N/A

SECTION VII – SPECIAL PROTECTION INFORMATION

Personal Protection Equipment: Safety glasses, neoprene gloves, protective clothing and a respirator is recommended.

Gloves: Rubber **Respirator:** A NIOSH approved particulate mask is recommended.

Eyes: Safety glasses. A face shield may not protect air born dusts from entering the eyes. **Footwear:** N/A

Clothing: Normal work clothes. Shirts with long sleeves are recommended.

Handling Procedures and Equipment: Avoid direct and prolonged exposure to eyes and skin. Always wash after use.

Engineering Controls: Normal mechanical ventilation and exhaust are preferred.

SECTION VIII – SPILL, LEAK AND DISPOSAL

Storage Requirements: Material is very stable in its un-opened bag. Repair any broken or torn bags immediately. Store in a dry, cool area.

Spill and Leak Disposal: Vacuum any spills with a HEPA type vacuum cleaner. Avoid creating dusts. Do not wash down any drains or sewer lines as it may solidify and harden in the drain.

Waste Disposal: Dispose as a non-hazardous waste, in compliance with local, state and federal regulations. To contain any dusts, water down the empty bags with water to harden the material in a solid waste

Special Shipping Instructions: None, classified as a Class 50 per US D.O.T. Shipping Regulations. Do not ship with food products.

The information provided in this Material Safety Data Sheet has been obtained from source(s) believed to be reliable. CGM, Inc. provides no warranties, express or implied and assumes no responsibility for the accuracy or completeness of the information contained herein.



Manufacturers of Professional Grade Cement & Construction Products Since 1967

MATERIAL SAFETY DATA SHEET PRO FLOR TOP LATEX

Manufacturer's Name CGM, Inc.	Emergency Telephone Number 215-638-4400 OR 800-523-6570
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Prepared By: Fred Kinney	Date Prepared JANUARY 2003
Signature:	Title: Director Technical Operations

SECTION II - HAZARD INGREDIENTS/IDENTITY INFORMATION

MATERIAL OR COMPONENT	CAS #	%	HAZARDOUS DATA
Water	7732-18-5	50-80	N/A
Styrene Butadiene Copolymer	9003-55-8	40-30	N/A
Emulsifiers	Proprietary		N/A
No hazardous ingredients identified as per 29 CFR 1910.1200			
Boiling Point 212 ° F		Specific Gravity (H ₂ O = 1) 1.0	
Vapor Pressure (mm Hg.) As water		% Volatile by Volume: 40-50	
Vapor Density (AIR = 1) As water		Evaporation Rate As water (Butyl Acetate = 1)	
Solubility in Water: Complete Appearance and Odor: White liquid, slight styrene odor			

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 200° F	Unusual Fire & Explosion Hazard: None
Flammable Limits: None	Upper None Lower None
Extinguishing Media: Carbon dioxide or dry chemical, Class B extinguisher NFPA	Flammability: None
Autoignition Temperature: N/A	Special Fire Fighting Procedures: Fire fighters should wear self contained breathing apparatus to avoid inhalation of smoke and vapors.

SECTION IV – HEALTH HAZARD DATA

Route(s) of Entry: Yes	Inhalation Yes	Skin Yes	Ingestion Yes
Health Hazards (Acute and Chronic) Contact with skin may cause irritation or rash. Eyes, nose and throat may cause slight irritation or redness.			
Symptoms of Exposure: Exposure to skin may cause rash and redness. Inhalation may cause coughing, shortness of breath, wheezing and pulmonary disorders.			
Emergency First Aid: If ingested induce vomiting and seek immediate medical attention.			
Skin: Wash with soap and water		Eyes: Flush with copious amounts of clean water for 15 minutes	

SECTION V– EMERGENCY AND FIRST AID PROCEDURES

Emergency and First Aid Procedures:

Eyes: May cause slight irritation, irrigate eyes for at least 15 minutes with clean potable water.

Skin: Contact with skin may cause irritation and/or rash. Always wash exposed areas twice with soap and water. If irritation continues, seek medical attention. Product is alkaline and will cause burns if not thoroughly rinsed from affected area.

Ingestion: Induce vomiting and seek immediate medical attention. Call the Poison Control Center in your area

SECTION VI – REACTIVITY DATA

Conditions Known to Cause Instability: None known

Incompatibility/Materials to avoid: None

Hazardous Decomposition: Under severe thermal degradation, low molecular weight hydrocarbons will be formed.

SECTION VII – SPECIAL PROTECTION INFORMATION

Personal Protection Equipment: Safety glasses, neoprene gloves, protective clothing and a respirator is recommended.

Gloves: Chemical resistant, nitrile, neoprene or rubber gloves. **Respirator:** A NIOSH approved respirator according to 29 CFR 1910.134

Eyes: Safety goggles or full face shield **Footwear:** N/A

Clothing: Normal work clothes. Shirts with long sleeves are recommended.

Handling Procedures and Equipment: Material is very stable. Store in air tight container or poly lined drums, in a cool dry area.

Engineering Controls: Normal mechanical ventilation and exhaust are preferred.

SECTION VIII – SPILL, LEAK AND DISPOSAL

Storage Requirements: Material is very stable in its un-opened bag. Repair any broken or torn bags immediately. Store in a dry, cool area.

Spill and Leak Disposal: Clean up with water after containing the spill. Absorb spill with sand. Dike and contain. Use sweeping compounds or rags to contain the spill. Sodium Chloride (salt) can be sprinkled on the spill to coagulate the latex and make it easier to facilitate the cleanup.

Waste Disposal: May be incinerated or disposed of in a sanitary landfill in accordance with all local, state and federal laws. It is not considered hazardous waste in a solid form. As defined under the Federal RCRA Regulations (40 CFR 261).

Special Shipping Instructions: U.S. D.O.T. Shipping instructions: Liquid Latex, Rubber, Class 60. Do not ship with food products..

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