



Manufacturers of Professional Grade Cement & Construction Products Since 1967

MATERIAL SAFETY DATA SHEET PERMA POOL PATCH

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 28, 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
Tricalcium Silicates	12168-85-3	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: 30mmpcf
Dicalcium Silicates	10034-77-2	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: 30mmpcf
Tricalcium Aluminate	12043-78-3	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: 30mmpcf
Tetracalcium Aluminoferrite	12068-35-3	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: 30mmpcf
Calcium Sulphate (hydrous)	14808-60-7	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: 30mmpcf

Boiling Point N/A	Specific Gravity (H ₂ O = 1) 2.65
Vapor Pressure (mm Hg.) N/A	Freezing Point: N/A
Vapor Density (AIR = 1) N/A	Evaporation Rate N/A (Butyl Acetate = 1)
Solubility in Water: Dispersible Appearance and Odor Gray, dark gray, powdered solid	

* 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 III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A	Hazardous Decomposition 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

