



Manufacturers of Professional Grade Cement & Construction Products Since 1967

MATERIAL SAFETY DATA SHEET PERMA TILE GROUT

Manufacturer's Name CGM, Inc.	Emergency Telephone Number 215-638-4400 OR 800-523-6570
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SECTION II - HAZARD INGREDIENTS/IDENTITY INFORMATION

MATERIAL OR COMPONENT	CAS #	%	HAZARDOUS DATA
Tricalcium Silicates	12168-85-3	40-60	OSHA PEL: 10mg/m ³ ACGIH TLV: mmpcf
Dicaltiam Silicotes	10034-77-2	40-60	OSHA PEL: 10 mg/m ³ ACGIH TLV: 30mmpcf
Tricalcium Aluminate	12042-78-3	40-60	OSHA PEL: 10 mg/m ³ ACGIH TLV: 30mmpcf
Tetracalcium Aluminoferrite	12068-35-3	40-60	OSHA PEL: 10 mg/m ³ ACGIH TLV: 30mmpcf
Calcium Sulphate (hyarous)	13397-24-5	40-60	OSHA PEL: 10 mg/m ³ ACGIH TLV: 30mmpcf
Calcium Carbonate	1317-65-3	40-60	OSHA PEL: 10 mg/m ³ ACGIH TLV: 30mmpcf
Boiling Point : N/A			Specific Gravity (H ₂ O = 1) 2.65
Vapor Pressure (mm Hg.) None			Freezing Point: N/A
Vapor Density (AIR = 1) N/A			Evaporation Rate N/A (Butyl Acetate = 1)
Solubility in Water: Soluble Appearance and Odor: White, fine powered solid			

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None	Hazardous Decomposition Products: None
Flammable Limits: N/A	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 Yes	Ingestion Yes
Health Hazards (Acute and Chronic) 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: immediately seek medical advise. Give milk or egg white beaten with water until vomit fluid is clear. If vomiting does not occur, induce vomiting by gagging the victim (by placing a finger at the back of the throat) **DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

Carcinogenicity: Yes

SECTION V – EMERGENCY AND FIRST AIR 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: Product is stable

Incompatibility/Materials to avoid: Product is incompatible with organic and inorganic acids. Acid will react with cement and carbonates.

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.

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