



MSDS
Material Safety Data Sheet

PRODUCT NAME: TIGERCRETE
ITEM NUMBER: 10202, 10205
DESCRIPTION: PREMIUM QUICK SET MORTAR

HMIS CODES: H: 1 F: 0 R: 0 P: 0

SECTION 1 - IDENTIFICATION

MANUFACTURER'S NAME: GARON PRODUCTS, INC.
P.O. Box 1924, Wall, NJ 07719-1924, Fax: 732-223-2002
EMERGENCY PHONE NO: CHEMTREC 800-424-9300

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS / CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	WT %
Silica, Crystalline CAS # 14808-60-7	0.1 mg/m ³	0.1 mg/m ³	N/A	30-40
Portland Cement CAS # 65997-15-1	15 mg/m ³	10 mg/m ³	N/A	40-60
Calcium Sulfate	15 mg/m ³	10 mg/m ³	N/A	10-20

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	Not Applicable
Vapor Density	Not Applicable
Specific Gravity (H ₂ O=1)	3.0 - 3.2
Evaporation Rate	Not Applicable
Solubility in water	Not soluble.
Appearance and odor	Gray powder - no odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point	None
Flammable limits in air by volume	Lower: N/A Upper: N/A
Extinguishing media	Not Applicable
Special Firefighting Procedures	Not Applicable
Unusual Fire and Explosion Hazards	Not Applicable

SECTION 5 - REACTIVITY DATA

Stability	Stable
Conditions to avoid	Not Applicable
Incompatibility (Materials to avoid)	Not Applicable
Hazardous Polymerization	Will not occur.

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SECTION 6 - HEALTH HAZARD DATA

A. Health risks and symptoms of exposure

Inhalation	May cause irritation.
Skin Contact	May cause irritation to those with sensitive skin.
Eye Contact	May cause irritation, possibly severe, redness, tearing/blurred vision.
Skin Absorption	May produce cement dermatitis due to primary irritation of the nose, respiratory tract and lung conditions.
Ingestion	May cause GI irritation.

B. Health hazards (acute & chronic):

Chronic	Prolonged and repeated exposure to free silicon dioxide (effects of overexposure)		
Carcinogenicity	NTP Yes	IARC Yes	OSHA No
Explanation of Carcinogenicity	Silica, Crystalline-quartz: IARC Monographs, Sup. Vol 7, pg 341, 1987: Group 2A: NTP 7 th annual report on carcinogens. (sup dat) Signs/Symptoms of overexposure: Health hazards: (silica) Dust>LTV level may cause scarring of lungs with cough & shortness of breath. Delayed lung injury, silicosis may result from breathing free silica. Cement dermatitis can be prolonged & involve covered areas of body.		
Medical conditions generally aggravated by exposure	Silicosis		

C. Emergency & First Aid Procedures

Eyes	Wash with water for 15 minutes and get medical attention.
Skin	Wash area with soap and water.
Inhalation	Remove individual to fresh air, contact physician if irritation persists.
Ingestion	Obtain medical attention immediately.

SECTION 7 - SAFE HANDLING & USE INFORMATION

Steps to be taken in case material is released or spilled	Collect for use or disposal.
Waste disposal method	Dispose of material in accordance with local, state and federal laws.
Precautions to be taken in handling and storing	Store in a cool, dry place with adequate ventilation.
Other precautions	Avoid prolonged contact. Skin areas that have been in contact should be washed promptly and thoroughly with fresh, clean water. Precautions also apply to empty containers.

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SECTION 8 - CONTROL MEASURES/PROTECTION INFORMATION

Respiratory protection	Not normally needed in well-ventilated area. If TLV is exceeded, a NIOSH approved breathing apparatus is recommended.
Ventilation	Provide sufficient mechanical and /or local exhaust ventilation to maintain the airborne concentrations exposure below the TLV.
Protective gloves	Impervious gloves
Eye protection	Chemical goggles. ANSI approved.
Other protective clothing or equipment	Eyewash and safety shower. Wear full-length clothing.
Work/hygienic practices	Good general cleanliness

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