



MATERIAL SAFETY DATA SHEET
(OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

MANUFACTURER/DISTRIBUTOR:
Paragon Building Products, Inc.
2895 Hamner Avenue
Norco, CA 92860

TRANSPORT EMERGENCY TELEPHONE #:
(626) 333-2217

INFORMATION TELEPHONE NUMBER:
(626) 333-2217 / (951) 549-1155

Product Use: CONCRETE MIXES
MORTAR MIXES
PLASTER PRODUCTS
FILLERS

Revision: August 2008
Prepared By: R. L. Frias

PRODUCT NAME:
PARAGON ATHLETIC FIELD MARKER

Chemical Family: CALCIUM CARBONATE

SECTION II – COMPOSITION/INFORMATION

COMPONENT	CAS #	PERCENT
Calcium Carbonate	1317-65-3	60 – 100
Quartz	14808-60-7	0.1 – 1.0

Component Related Regulatory Information: This product may be regulated, exposure limits or other information identified as the following:

- Silica, crystalline (general form)

Component Information: This product is considered hazardous under 29 CFR 9110 (Hazard Communication)

SECTION III - HAZARD IDENTIFICATION

Emergency Overview: This product is irritating to the eyes, respiratory system and skin.

Potential Health Effects:

Eyes – Dust or powder may irritate eye tissue.

Skin – Dust or powder may irritate skin.

Ingestion- May cause temporary irritation of the throat and gastrointestinal tract.

Inhalation – Warning: This product contains crystalline silica. Long term overexposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to silica can lead to cardiopulmonary impairment. Crystalline silica has been reviewed by IARC, which found sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources.

Medical Condition Aggravated by Exposure: No information available for the product.

Potential Environment Effects: No significant environmental effects.

HMIS Ratings: Health: 1* Fire: 0 Reactivity: 0 Pers. Prot: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 – Moderate 3 = Serious 4 = Severe * = Chronic hazard

PARAGON ATHLETIC FIELD MARKER**SECTION IV – FIRST AID MEASURES****First Aid:****Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**Skin:** For skin contact, wash immediately with soap and water.**Ingestion:** Product is not considered toxic in small amount.**Notes to physician:** Provide general supportive measures and treat symptomatically.**SECTION V – FIRE FIGHTING MEASURES****General Fire Hazards:** This material will not burn.**Hazardous Combustion Products:** None Identified.**Fire Fighting Equipment/Instruction:** None necessary.**SECTION VI – ACCIDENTAL RELEASE MEASURES****Containment Procedures:** Contain the discharge material.**Clean-Up Procedures:** Provide adequate ventilation. Cleanup personnel should use personal protective equipment to reduce eye contact, inhalation of dust and prolonged skin contact. Use vacuum equipment with HEPA filters or wet sweeping/dust suppressant if sweeping is required. Personal safety, handling and exposure recommendations described elsewhere in this data sheet apply to exposure during clean up of the spilled material, which must be followed.**Evacuation Procedures:** None necessary**Additional Procedures:** No additional information available.**SECTION VII – HANDLING AND STORAGE****Handling Procedures:** Avoid getting this material in contact with skin and eyes.**Storage Procedures:** Keep in a dry, cool, and well ventilated area.**SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES****A: General Product Information-**Keep formation of airborne dust to a minimum.**B: Component Exposure Limits**

Calcium Carbonate (1317-65-3)

OSHA 15 mg/m³ TWA (total dust) 5 mg/m³ TWA (respirable- fraction)**NISSH** 10 mg/m³ TWA (total dust) 5 mg/m³ TWA (respirable dust)

Quartz (14808-60-7)

ACGIH 0.05 mg/m³ TWA (respirable-fraction)**OSHA** 0.1 mg/m³ TWA (respirable dust)**NIOSH** 0.05 mg/m³ TWA (respirable dust)**Engineering Controls-** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limit.**PERSONAL PROTECTIVE EQUIPMENT****Eyes/Face:** Wear dust goggles.**Skin:** Use impervious gloves**Respiratory:** Use dust mask for particulate concentrations exceeding the Occupational Exposure Limit.



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SECTION IX – CHEMICAL AND PHYSICAL PROPERTIES

Appearance:	White powder	Odor:	None
Physical Properties:	Solid	pH:	N/A
Vapor Pressures:	N/A	Vapor Density:	N/A
Boiling Point:	N/A	Melting Point:	Unknown
Solubility (H₂O):	Partially soluble	Specific Gravity:	2.71

SECTION X – CHEMICAL STABILITY AND REACTIVE INFORMATION

Chemical Stability:	Stable under normal condition.
Conditions to Avoid:	Avoid contact with acids.
Incompatibility:	Calcium carbonate ignites with fluorine. It is incompatible with acids, aluminum, ammonium salts and mercury/hydrogen mixtures.
Hazardous Decomposition:	Thermal oxidative decomposition of calcium carbonate can produce calcium oxide.
Hazardous Polymerization:	Will not Occur.

SECTION XI – TOXICOLOGICAL INFORMATION

ACUTE AND CHRONIC TOXICITY

A: General Product Information

Over exposure to calcium carbonate may result in irritation to eyes, skin and respiratory system. Acute ingestion may result in mild gastrointestinal distress while chronic exposure may result in hypocalcaemia, alkalosis and renal impairment. Approximately 70-80% of inhaled calcium carbonate is retained in the lungs. Animal studies suggest that inhalation of calcium carbonate dust may enhance susceptibility to respiratory infection.

B: Component Analysis – LD50/LC50

No LD50/LC50's available for this product's components

CARCINOGENICITY

A: General Product Information-There may be a relationship between silicosis and certain cancers.

B: Component Carcinogenicity

Quartz (14808-60-7)

ACGIH	A2 – Suspected Human Carcinogen
NICSH	Potential occupational carcinogen
NTP	Known Carcinogen (related to silica, crystalline (respirable size) (select Carcinogen)
IARC	Monograph 68, 1997: (inhaled in form of quartz or cristobalite from occupational sources.) (Group 1 carcinogenic to humans)

SECTION VII – ECOLOGICAL INFORMATION

ECOTOXICITY

A: General Product information-This product is not expected to be harmful to aquatic life.

B: Component Analysis –Aquatic Toxicity-No ecotoxicity data are available for this product's components.

Environmental Fate-This material shows no bioaccumulation or food chain concentration toxicity potential.

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SECTION XIII – DISPOSAL CONSIDERATION

US DOT WASTE NUMBER AND DESCRIPTIONS

A: General Product Information-No components are identified as hazardous wastes.

B: Component Waste Numbers-No EPA Waste Number are applicable for this product's component.

Disposal Instructions

If this material becomes a waste it does not meet the criteria of hazardous waste as defined by USEPA RCRA regulations. More stringent state or local regulation may apply. Combining this material with another may alter this classification.

SECTION XIV – TRANSPORTATION INFORMATION

US DOT INFORMATION

Shipping name: None necessary

Additional Info: None

International Transportation Regulations-This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulation.

SECTION XV – REGULATORY INFORMATION

US FEDERAL REGULATIONS

A: General Product Information

TSCA – All naturally occurring components of this product are automatically included in the USEPA TSCA inventory list per 40CFR 710.4 (b). All other components are on the USEPA TSCA inventory List.

FDA – Limestone has been determined as “Generally Recognized As Safe” (GRAS) by FDA – see 21 CFR

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A) SARA Section 313 (40 CFR 372.65), or CERLA (40 CFR 302.4)

Chronic Health: Yes

Fire: No

Pressure: No

Reactive: No

STATE REGULATIONS

A: General Product Information-Other state regulations may apply. Check individual state requirements.

B: Component Analysis – State -The following components appear on one or more of the following state hazardous substances lists:

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	MI
CALCIUM CARBONATE	1317-65-3	No	No	Yes	Yes	No	Yes	No
QUARTZ	14808-60-7	No	No	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (proposition 65)

WARNING! This product contains a chemical known to the state of California to cause cancer.

OTHER REGULATIONS

A: General Product Information- Canadian WHMIS Classification: Not WHMIS Regulated

B: Component Analysis – Inventory

COMPONENT	CAS	TSCA	DSL	EINECS	AUST	PHIL	MITI	KOREA	ELINCS	NDSL	CHINA
CALCIUM CARBONATE	1317-65-3	YES	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes
Quartz	1480860-7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes

PARAGON ATHLETIC FIELD MARKER**SECTION XVI – OTHER INFORMATION**

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