

# Material Safety Data Sheet

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## Section I - Product Identification

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Manufacturer: The Chargar Corp. Elgene Division  
299 Welton Street  
Hamden, CT 06517

Telephone: 203-562-9948      Emergency Number: 800-922-4623

Product Class: Cementitious Material

Trade Name: Plas-TEX Powder

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## Section II - Composition on Ingredients

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	%	Cas Num
Portland Cement	40-60	65997-15-1
*Silica Sand	40-60	14808-60-7

\*Continued inhalation of dust over a period of years without proper respirator and ventilation controls will cause silicosis and lung cancer.

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## Section III - Physical Data

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Physical State: Powder

Odor and appearance: gray powdered solid

Odor Threshold: None

Vapor Pressure: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Boiling point: 1,472°F

Freezing Point: N/A

pH: 8-9

Specific Gravity: 2.65

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## Section 4 - Fire and Explosion Data

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Non-combustible, if decomposition occurs use a self contained breathing apparatus.

Flashpoint: N/A

Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

Autoignition Temp: N/A

Hazardous Combustion Products: N/A

Sensitivity to static discharge: N/A

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## Section 5 - Reactivity Data

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Incompatibility with other substances: Organic and Inorganic Acids. Acids will react with cement and carbonates.

Reactivity: N/A

Hazardous Decomposition: N/A

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## Section 6 - Toxicological Properties

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Routes of Entry: Skin contact, skin adsorption, eye contact, inhalation

Results of acute exposure to product: Product is alkaline and can irritate the skin and eyes as well as the mucous membranes.

Results of chronic exposure to product: As per IARC, continued inhalation, without proper protection, of silica, crystalline & quartz over a number of years will cause lung cancer and/or silicosis.v

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## Section 7 - Preventive Measures

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Personal Protective Equipment: Safety glasses, neoprene gloves and protective clothing recommended.

Gloves: Rubber gloves

Respirator: a MSHA/NIOSH approved respirator 3m990 or equivalent.

Eye: Safety glasses recommended to avoid entry into eyes while using.

Footwear: N/A

Engineering controls: Normal mechanical ventilation and exhaust preferred.

Leak and Spill procedure: Sweep up- avoid creating extra dust. Wear approved MSHA/NIOSH respirators.

Do not wash down drains, may plug drain.

Waste Disposal: Dispose as a non hazardous waste, in compliance with local and federal regulation. Not considered a hazardous waste by the EPA (RCRA).

Handling Procedures & Equipment: Avoid direct skin and eye contact for prolonged lengths of time. Wash with soap and water after use.

Storage Requirements: Materials are very stable. Repair any broken containers immediately. Store in air tight containers or poly lined bags, in a cool dry area.

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## Section 8 - First Aid Measures

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Skin: Wash thoroughly with soap and water.

Eyes: Rinse with plenty of water, for at least 15 minutes.

Ingestion: Immediately seek medical advice. Give milk or egg white beaten with water until vomit fluid is clear. If vomiting does not occur, induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person..