

Materials Safety Data Sheet
Calcium Carbonate

SECTION I – General Information

Manufacturer's Name:	Groman Inc.
	4900 NW 15 th Street, Suite 4494
	Margate, FL 33063
Telephone:	800-906-9298
Company Contact:	Compliance Manager - extension 709
Date (Revised):	October 10, 2008
Product/Trade Name:	EtchMaster®, ProphyMaster™
Synonyms:	Calcium Carbonate
Chemical Family:	Calcium
Formula:	CaCO ₃

SECTION II – Hazardous Components

None

SECTION III – Physical Data

Melting Temperature:	825 °C Decomposes
Density:	2.71 g/cm ³
Water Solubility:	Slightly soluble in water
pH:	8.5@ 20 °C
Color:	Grayish white or white
Odor:	None, odorless

SECTION IV – Fire & Explosion Data

Non-flammable; does not support combustion. Not an explosion hazard.

SECTION V – Health Data

Chemical Name	C.A.S. NO	Percent	Limits for air contaminants	
			TWA Mg/M3	PEL Mg/M3
Calcium Carbonate(CaCo3)	471-34-1	99+%		
Total Dust			10(e)	15
Respirable Fraction			5	5

Source of Exposure Limit Data

ACGIH Threshold Limit Values; OSHA Tables: Z-1-A, Z-2, Z-3

Possible effects of Overexposure: Individuals with lung disorders should not be exposed to conditions where large airborne quantities of the nuisance dust exist without precautions taken to alleviate the aggravated preexisting medical condition.

Inhalation:	Choking sensation, respiratory system passageways irritation.
Skin Contact:	No evidence of adverse effects expected.
Eye Contact:	May cause Irritation.
Swallowing:	Non-toxic. May cause irritation of the throat and digestive passageways.
Carcinogen:	No evidence of carcinogenicity.

SECTION VI – Reactivity Data

None with water, air, heat, or strong oxidizers.

SECTION VII – Environmental

Waste may be considered as inert material.

SECTION VIII – Handling, Storage, Transportation

Stable under normal conditions of use, transportation, and storage.

Spill, leak and disposal: Avoid dust during cleanup.

SECTION IX – Special Precautions

Use with adequate ventilation to meet exposure limits. When exposure is excessive, NIOSH approved respiratory protection should be used.

Materials Safety Data Sheet
Glass Beads

SECTION I – General Information

Manufacturer's Name:	Groman Inc.
	4900 NW 15 th Street, Suite 4494
	Margate, FL 33063
Telephone:	800-906-9298
Company Contact:	Compliance Manager - extension 709
Date (Revised):	November 12, 2007
Product/Trade Name:	Glass Beads
Synonyms:	Glass Spheres
Chemical Family:	Glass Oxide; Glass (CAS:65997-17-3)
Formula:	SiO ₂ (other)

SECTION II – Hazardous Components

None

SECTION III – Physical Data

Melting Temperature:	730 °C
Specific Gravity:	Approx: 2.5 g/cm ³
Hardness:	N/A
Water Solubility:	insoluble
pH:	N/A
Color:	White
Odor:	None, odorless

SECTION IV – Fire & Explosion Data

Non-flammable; does not support combustion. Not an explosion hazard.

SECTION V – Health Data

Inhalation (acute):	Choking sensation, respiratory system passageways irritation- May cause coughing, shortness of breath. Provide fresh air, apply artificial respiration as needed. Obtain first aid or medical assistance, if needed.
Skin Contact:	Not absorbed through skin. No evidence of adverse effects expected.
Eye Contact:	May cause Irritation - Wash with large amounts of water, obtain first aid or medical assistance, if needed.
Swallowing:	Gross ingestion (1/2lb+) may cause Alkalosis; However, as a natural material in the body its is well tolerated. Other potential health risks not known.
Carcinogen:	No evidence of carcinogenicity.

Source of Exposure Limit Data

ACGIH Threshold Limit Values – N/A

Possible effects of Overexposure: Individuals with lung disorders should not be exposed to conditions where large airborne quantities of the nuisance dust exist without precautions taken to alleviate the aggravated preexisting medical condition.

SECTION VI – Reactivity Data

None

SECTION VII – Environmental

Waste may be considered as inert material.

SECTION VIII – Handling, Storage, Transportation

Stable under normal conditions of use, transportation, and storage.

Spill, leak and disposal: Avoid dust during cleanup and material is extremely slippery.

SECTION IX – Special Precautions

Use with adequate ventilation to meet exposure limits. When exposure is excessive, NIOSH approved respiratory protection should be used. See OSHA 29CFR1910.24 and 29CFR1910.1000

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PUB-472A