

# **MATERIAL SAFETY DATA SHEET**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
PRODUCT NAME:	MascoGrout General Purpose		
MSDS REVISION DATE: August, 2003			
CHEMICAL NAME:	CHEMICAL NAME: FORMULA: Mixture		
MANUFACTURER / SUPPLIER			
Masons Supply Company Mailing Address: 2637 SE 12 <sup>th</sup> Ave P. O. Box 42367			
2637 SE 12 <sup>th</sup> Ave P. O. Box 42367			
Portland, OR 97202 Portland, OR 97242			
Emergency / Non-Emergency Number: (503) 234-4321 Monday – Friday 7 – 4 PST			

2. COMPOSITION / INFORMATION INGREDIENTS					
Ingredient		EXPOSURE LIMITS			
Name	CAS#	OSHA (mg/m³)	ACGIH (mg/m3)	Conc. %	
Particulate, Not	N/A	15 dust	10 inhalable dust	52.3–63.8	
Otherwise Classified		5 respirable	3 respirable dust		
Calcium silicates	1344-95-2	15 total dust	10 total dust	10-21	
		5 respirable dust			
Calcium Carbonate	471-34-1	15 total dust	10 total dust	10-21	
		5 respirable dust			
Silicon Dioxide, SiO <sub>2</sub>	14808-60-7	2 total dust*	0.1 respirable dust	<0.1-13	
(free silica)		0.67 respirable dust*			
Portland Cement	65997-15-1		10 total dust	<2	
Magnesia, MgO	1309-37-1	15 total dust	10 total dust	<2	
		5 respirable dust			
Gypsum	7778-18-9	15 total dust	10 total dust	<2	
		5 respirable dust			
Lime, CaO	1305-78-8	5 total dust	2 total dust	<1	

<sup>\*</sup>Based on maximum free silica

3. HAZARDS IDENTIFICATION			
* * * * * * EMERGENCY OVERVIEW * * * * * *			
	Variable white, gray or tan powder. Inhalation of excessive amounts of dust from the product may		
	itation. Calcium oxide causes severe irritation and burns to every area		
	free crystalline silica may cause cancer		
ROUTES OF ENTRY: Inha	lation, eyes, skin		
HUMAN EFFECTS AND SY	HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:		
ACUTE INHALATION: Dust is irritating and possible corrosive to the respiratory system and			
mucous membranes			
ACUTE SKIN CONTACT: May cause corrosive damage			
ACUTE EYE CONTACT: Severe irritation. May damage eye tissues, cause redness, tearing,			
blurred vision and pain			
ACUTE INGESTION:	Calcium oxide may cause alkali burns in mouth and throat		

#### 3. HAZARDS IDENTIFICATION (Continued)

CHRONIC EXPOSURE: Free crystalline silica may cause silicosis, shortness of breath caused

by lung scarring, pain in chest, and coughing. Inflammation of the respiratory passages, ulcers of the mucous membranes, and

perforation of nasal septum may occur

#### **CARCINOGENICITY:**

ACGIH: Free crystalline silica is listed as a suspected human carcinogen in Notice of

Intended Changes

NTP: Respirable silica may reasonably be anticipated to be a carcinogen

IARC: Crystalline silica in the form of quartz or cristobalite has been classified as

carcinogenic to humans

OSHA: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, eye problems, or impaired respiratory function may be more susceptible to the effects of the dust

4. FIRST AID	MEASURES
INHALATION:	Remove victim to fresh air, if not breathing, give artificial respiration. If any symptoms or irritation persist, contact a physician
SKIN:	Immediately flush skin with water for at least 15 minutes. If any symptoms or irritation persist, contact a physician
EYE:	Flush with large amounts of water for 15 minutes. If any symptoms or irritation persist, contact a physician
INGESTION:	Do not induce vomiting, give large quantities of water or milk. Get medical attention

5. FIRE FIGHTING MEASURES		
FLASH POINT:	Not Combustible	
AUTO IGNITION TEMPERATURE:	Not Applicable	
LOWER FLAMMABLE LIMIT:	Not Applicable	
UPPER FLAMMABLE LIMIT:	Not Applicable	
HAZARDOUS COMBUSTION PRODUCTS:	None	
FIRE AND EXPOSURE HAZARD: Not combustible.	Not sensitive to explosion. Will not support	
combustion		
EXTINGUISHING MEDIA: Not combustible. Use media appropriate for surrounding fire		
SPECIAL FIRE FIGHTING PROCEDURES: Does not burn. SCBA required for standard fire fighting		

#### 6. ACCIDENTIAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES: Stop source of spill. Wear appropriate PPE. Pick up and place in a suitable container for reclamation or disposal using a method that does not generate dust. Alkaline materials will generate heat when moistened. Keep material away from water bodies and sewers

#### 7. HANDLING AND STORAGE:

**PRECAUTIONS:** Protect against physical damage and store in dry place away from water moisture, and incompatible materials. Wear appropriate personal protective equipment as specified in Section 8

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EYE PROTECTION: Mechanical or chemical goggles for dust

SKIN PROTECTION: Use impervious gloves are appropriate when handling wet product. Wear other impervious protective clothing, including boots, as appropriate to prevent skin contact

RESPIRATORY PROTECTION: Use NIOSH approved respirators with HEPA or P100 filters. Higher dust levels may require a powered air-purifying respirator with HEPA or P100 filter, or a positive pressure supplied air respirator

ENGINEERING CONTROLS: Not needed in open spaces. If excessive dust levels are generated at transfer points, local exhaust ventilation may be needed

9.	9. PHYSICAL AND CHEMICAL PROPERTIES:				
PHYSICAL STATE / APPEARANCE: Solid, gray to tan powder					
	BOILING POINT:	>5,396° F		ODOR:	Slight odor
	MELTING/FREEZING POINT:	> 1,990° F			
	SOLUBILITY IN WATER:	Slight 0-5%		PH:	6 - 10
	% VOLATILE BY WEIGHT:	~0	SPE	CIFIC GRAVITY:	~2.2 – 2.5
	VAPOR PRESSURE:	~0	V	APOR DENSITY:	Not Applicable

10. REACTIVITY / STABILIT	ΓΥ:
STABILITY: Stable at room temp	erature
CONDITIONS OF REACTIVITY:	Calcium oxide will react with water or moisture to generate heat
HAZARDOUS POLYMERIZATION	Will not occur
INCOMPATIBILITIES	Strong oxidizers, hydrofluoric acid, manganese trifluoride, xenon hexafluoride, halocarbons, chlorine trifluoride, ethylene oxide, oxygen difluoride, vinyl acetate, hydrazine, calcium hypochlorite, performic acid
DECOMPOSITION PRODUCTS:	None

11. TOXICOLOGICAL INFORMATION:	
LD <sub>50</sub> :	Not determined
LC <sub>50</sub> :	Not determined
SENSITIZATION TO PRODUCT:	None
CARCINOGENICITY:	Contains crystalline silica, classified a human
	carcinogen
IRRITANCY OF PRODUCT:	May be corrosive due to presence of calcium
	oxide
REPRODUCTIVE TOXICITY:	No information available
TERATOGENICITY:	No information available
MUTAGENICITY:	No information available
CHRONIC EXPOSURE:	None

# 12. ECOLOGICAL INFORMATION:

Do not flush to product to water bodies or sewers. Due to the lime (calcium oxide) content, this material is expected to be toxic to aquatic life

### 13. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD: Follow federal, state and local regulations. Do not flush to drain or storm sewer

# 14. TRANSPORTATION INFORMATION: Not regulated

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15. REGULATORY INFORMATION:					
OSHA:	Hazard Communication applies to those materials listed in Section 2				
TSCA:	Yes for iron oxide a	and titanium dioxi	ide		
CERCLA RI	EPORTABLE QUAN	ITITY:	None		
SARA TITL	E III:				
	Section 302 Extremely Hazardous Substance: None				
	Section 311/312 Hazardous Categories: Acute/Chronic for iron oxide,				
	Titanium dioxide and calcium oxide. Reactivity for calcium oxide				
	Section 313 Toxic Chemicals: None				
RCRA:	RCRA: None				
<b>STATE REGULATORY INFORMATION:</b> The following chemicals are specifically listed by individual states; other product specific health and safety data in other section of the MSDS may also be applicable for state requirements. For details on specific regulatory requirements, contact the appropriate state agency.					
	COMPONENT NAME CAS # CONC. % STATE CODE				
Crystalline S	Silica	14808-60-7	0 - 1	CA Proposition 65	

16. OTHER INFORMATION	N:
MSDS STATUS:	Original
REVISION NUMBER:	Version 1.0
PREPARED BY:	Masons Supply
	Portland, OR
	(503) 234-4321
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