

MATERIAL SAFETY DATA SHEET

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Control No. 05165

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard.

All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

1. PRODUCT NAME: MASTERFLOW 816 CABLE GROUT

Chemical Family: Hydraulic Cement Compounds

2. HAZARDOUS INGREDIENTS:	CASNO	EXPOSURE LIMITS*			CONTENT
		TLV	STEL	PEL	
Portland cement	65997-15-1	10 mg/m ³	None	None	70-90%
Calcium Oxide	1305-78-8	2 mg/m ³	None	5 mg/m ³	< 10%
Silicon Dioxide, Amorphous	7631-86-9	3 mg/m ³ **	None	None	< 10%

*) Refer to Section 7 for available LD/LC(50) Health Hazard Data.

***) Particulates NOC - Respirable fraction.

3. PHYSICAL DATA:

Boiling Point (°C):	N/Ap	Water/Oil Distribution	
Percent Volatile:	0	Coefficient:	N/Ap
Freezing Point (°C):	N/Ap	Solubility in Water:	Slight
Vapor Pressure mmHg @20 (°C):	N/Ap	Density:	93 Lb/Ft ³
Vapor Density:	N/Ap	pH:	N/Ap
Odor Threshold: (ppm)	N/Ap	Evaporation Rate:	N/Ap
Appearance: Grayish granular powder		Odor: Odorless	
N/Av = Not Available	N/Ap = Not Applicable		ca. = Approximate

4. FIRE AND EXPLOSION HAZARD DATA: HMIS Hazard Rating No. 0 (Minimal)

Flash Point: Non-flammable Method: Not Applicable

Auto-Ignition Temperature: Not Applicable

Limits Of Flammability: LEL: Not Applicable UEL: Not Applicable

Extinguishing Media: This material is non-flammable. Use extinguishing agent suitable for type of surrounding fire.

4. **FIRE AND EXPLOSION HAZARD DATA:** (cont'd)

Special Fire & Unusual Hazards: None known.

5. **REACTIVITY DATA:** HMIS Hazard Rating No. 0 (Minimal)

Stability: Stable. Not sensitive to mechanical impact.

Incompatibility: Strong mineral acids

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

6. **ENVIRONMENTAL AND DISPOSAL INFORMATION:**

Action to Take for Spills/Leaks: No special procedures are required for clean-up of spills or leaks of this material. Sweep up and return for reuse or discard.

Waste Disposal Method: Does not contain hazardous chemicals as defined in 40 CFR 260. Dispose in a landfill in accordance with local, state, and federal regulations.

7. **HEALTH HAZARD DATA:** HMIS Hazard Rating No. 2 (Moderate)

PRIMARY ROUTE OF ENTRY: Inhalation

Effects Of Overexposure

Inhalation: Nuisance dust may cause temporary but reversible respiratory problems.

Eyes: Abrasive action may cause damage to the outer surface of the eye. In combination with water may cause severe irritation with corneal injury.

Skin Contact: Abrasive action may cause slight to moderate irritation. In combination with water dermal exposure may cause severe alkali burns.

Skin Absorption: Does not absorb through skin.

Ingestion: Not likely source of entry due to physical nature of material.

Chronic: Product does not contain carcinogenic materials as defined by OSHA Hazardous Communications Act 1910.1200.

Materials are not known mutagenic, teratogenic, or reproductive health hazards

8. **FIRST AID:**

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek medical attention.

8. **FIRST AID:** (cont'd)

- Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion: Do NOT induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do NOT give anything by mouth to an unconscious person.

9. **SPECIAL PROTECTION INFORMATION:**

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of airborne dust concentrations.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH/OSHA approved respirators equipped with an organic vapor cartridge for listed hazard.

Confined spaces, rooms, or tanks are areas where concern for TLV's is especially important. Reference OSHA Regulation CFR 29 1910.134 for recommended respiratory protection.

10. **ADDITIONAL INFORMATION:**

Average Shelf Life: Refer to Product Data Sheet.

Special Instructions: Store in cool, dry place.

REGULATORY INFORMATION:

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: Immediate
Physical hazard: None

Title III Section 313: No reportable chemicals.

State: California No reportable chemicals.

WHMIS Classification: Class D, Div. 2, Sub B
Class E

Canadian Domestic Substance List: All chemicals are listed.

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10. **ADDITIONAL INFORMATION:** (cont'd)

TRANSPORTATION

National Motor Freight Classification (NMFC): 42130 Sub: 2 Class: 50

Description: CEMENT, HYDRAULIC

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NOT REGULATED

Proper Shipping Name: NOT REGULATED - USE NMFC DESCRIPTION

Marine Pollutant: NL

P = Moderate

PP = Severe

WS = Water Sheen

NL = Not Listed

ND = Not Determined

The information herein is given in good faith. No warranty, expressed or implied, is given regarding the accuracy of these data or the results obtained from the use thereof. Consult Master Builders, Inc. for further information.