

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to implement the "Workplace Hazardous Materials Information System (WHMIS)". Also make this information available to any employee who requests it.

Date of preparation: 06/29/10

3600-201

**SECTION I PRODUCT IDENTIFICATION AND USE**

Manufacturer : **W. R. MEADOWS® OF CANADA** - H M I S -  
Address : 70 Hannant Court |Health : 1|  
: Milton, ON L9T 5C1 |Fire : 0|  
 |Reactivity : 0|  
Telephone # : (905) 878-4122 |Person Protection : |  
Emergency # : 1-800-424-9300 Chemtrec

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,\*=Chronic)

Product Class : Class D, Division 2, Subdivision A, Toxic Materials  
Product Identification Number: 3600-201  
Product Identifier : **CG-86™ CONSTRUCTION GROUT**  
Product Use : Concrete Grout

**SECTION II HAZARDOUS INGREDIENTS**

No. Hazardous Ingredient(s)*	CAS#	% By		ACGIH				
		Weight	LD50	LC50	TLV/TWA	TLV/Ceiling	TLV/STEL	SKIN
1. Portland Cement	65997-15-1	25 – 30	N/A	N/A	10 mg.m <sup>3</sup>	N/E	N/E	N/E
2. Microcrystalline Silicone Dioxide	14808-60-7	70 – 75	N/A	N/A	0.1 mg.m <sup>3+</sup>	N/E	N/E	N/E

\* A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency. Component Number 2 is listed by IARC and NYP as probably carcinogenic to humans (IARC Group 2A).

Component data is defined in accordance with Sub-paragraph 13 (a) (i) to (iv) of the Hazardous Product Act.

N/E = Not established      N/A = Not Applicable      + = Respirable Fraction

**SECTION III PHYSICAL DATA**

Physical State : Solid      Vapour Density : Not Applicable  
Specific Gravity : 2.3      Evaporation Rate : Not Applicable  
Odour/Appearance : Grey powder, no odour      Percent Volatile : -0-  
Vapour Pressure : Not Applicable      Freezing Point : Not Applicable  
pH : Not Available      Boiling Point : Not Applicable  
Odour Threshold : Not Available  
Coefficient of water/oil distribution: Not Available

**SECTION IV FIRE AND EXPLOSION DATA**

Conditions of Flammability: None, non-flammable product      Autoignition temperature: Not Applicable  
Means of extinction: Water fog, foam, dry chemical, Carbon Dioxide      Sensitivity to mechanical impact: No  
Flash point and method: Not applicable      Sensitivity to static discharge: No  
Flammability limits: LEL: N/A UEL: N/A  
Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and incomplete combustion products.

**SECTION V REACTIVITY DATA**

Chemical stability Stable  
If no, under which conditions:  
Incompatibility (materials to avoid): None Known  
Conditions of reactivity: None

Hazardous decomposition products: None known. Avoid breathing dust.

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SECTION VI TOXICOLOGICAL PROPERTIES

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**Route(s) of entry:** Inhalation, skin contact

**Effect(s) of acute exposure to product:**

**EYE CONTACT:** This material may cause mild eye irritation.

**SKIN CONTACT:** Exposure may cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, drying, and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

**INHALATION:** Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Based on the presence of component 2 inhalation of Silica dust may cause lung disease (silicosis).

**INGESTION:** This product may cause irritation of the gastrointestinal tract.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include pain, tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea.

**Exposure limits:** See Section II

**Effect(s) of chronic exposure to product:**

Carcinogenicity: Yes

Reproductive toxicity: Not established

Teratogenicity: Not established

Mutagenicity Not established

Synergistic Properties: None Known

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SECTION VII PREVENTIVE MEASURES

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**Personal protective equipment:** Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

**Engineering controls:** Use ventilation as required to control dust concentrations-at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

**Leak and spill procedures:** LARGE SPILLS>>Evacuate the hazard area of unprotected personnel. Wear appropriate dust mask and protective clothing. Place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. SMALL SPILLS>> Place in non-leaking containers; seal tightly for proper disposal.

**Waste disposal:** Observe all Provincial, Federal, State and local regulations regarding proper disposal.

**Handling procedures/equipment:** No special procedures/equipment required.

**Storage requirements:** Store in a cool dry area, away from ignition sources. Keep containers closed when not in use.

**Special shipping information:** None

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SECTION VIII FIRST AID MEASURES

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**EYE CONTACT:** Immediately flush eyes with water for at least fifteen (15) minutes. Seek medical attention if symptoms persist.

**SKIN CONTACT:** Remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

**INHALATION:** If respiratory symptoms develop, move victim away from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**INGESTION:** Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

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The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

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SECTION IX PREPARATION OF MSDS

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Prepared by: David Carey

Phone number: (847) 683-4500

Preparation date: 06/29/10

Product Identification Number: 3600-201