

Date of preparation: 01/05/10

**SECTION I**

Manufacturer : **W. R. MEADOWS®, INC.**  
 Address : 300 Industrial Drive  
 : Hampshire, Illinois 60140  
 Telephone # : (847) 683-4500  
 Emergency # : 1-800-424-9300 Chemtrec

**- H M I S -**

<b> Health</b>	<b>: 1  </b>
<b> Flammability</b>	<b>: 0  </b>
<b> Reactivity</b>	<b>: 0  </b>
<b> Personal Protection</b>	<b>:  </b>

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

Product Class : DIVISION 3  
 Mfg. code I.D. : 8010000  
 Trade Name : **588-10K**

**SECTION II-A HAZARDOUS COMPONENTS**

No.	Component	CAS#	% by Weight	SARA 313	VAPOR PRESSURE (mm Hg @ 20 C)	LEL (@25 C)
1.	Microcrystalline Silicon Dioxide	14808-60-7	60-65	NO	N/A	N/A
2.	Portland Cement	65997-15-1	30-35	NO	N/A	N/A

Component #1 is listed by the IARC and NTP as probably carcinogenic to humans (IARC Group 2A). N/A: = Not Applicable  
 Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313".

**SECTION II-B OCCUPATIONAL EXPOSURE LIMITS**

No.	PEL/TWA	OSHA			ACGIH			SKIN
		PEL/CEILING	PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLV/STEL	
1.	+	N/E	N/E	N/E	0.025 mg/m <sup>3</sup>	N/E	N/E	N/E
2.	15 mg/m <sup>3</sup> *	N/E	N/E	N/E	10 mg/m <sup>3</sup>	N/E	N/E	N/E

N/E = Not established \* =Respirable Fraction (Nuisance Dust) + = 10 mg/m<sup>3</sup> / (%SiO<sub>2</sub>+2)

**SECTION III PHYSICAL DATA**

<b>Boiling Point</b>	: Not established	<b>% Volatile by volume</b>	: Not applicable
<b>Evaporation Rate</b>	: < 1 (ether = 1)	<b>% Volatile by weight</b>	: Not applicable
<b>Vapor Density</b>	: > 1 (air = 1)	<b>Weight per gallon</b>	: 20.87 (Theoretical)
<b>pH Level</b>	: Not applicable		

**SECTION IV HEALTH INFORMATION**

**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 1 inhalation of Silica dust may cause lung disease (silicosis).  
**INGESTION:** This material 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.  
**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product.  
**OTHER HEALTH EFFECTS:** None recognized

**SECTION V EMERGENCY AND FIRST AID PROCEDURES**

**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:** Remove victim to fresh air and treat symptomatically. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Seek prompt 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 or poison control center and/or transport to an emergency facility immediately.

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**SECTION VI FIRE AND EXPLOSION HAZARDS**

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**FLAMMABILITY CLASSIFICATION**

- NFPA: None  
- DOT : Not regulated

**FLASH POINT:** Greater than 750 degrees F.**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical, or Carbon Dioxide.**SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:** Material will not burn. Avoid breathing dust if bags are damaged.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None recognized.

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**SECTION VII REACTIVITY**

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**STABILITY:** Stable**HAZARDOUS POLYMERIZATION:** Will not occur**CONDITIONS AND MATERIALS TO AVOID:** None recognized.**HAZARDOUS DECOMPOSITION PRODUCTS:** None known. Avoid breathing dust.

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**SECTION VIII EMPLOYEE PROTECTION**

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**RESPIRATORY PROTECTION:** Use ventilation as required to control vapor 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.**PROTECTIVE CLOTHING:** 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.**ADDITIONAL PROTECTIVE MEASURES:** Eye wash fountains and safety showers should be available for use in an emergency.

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**SECTION IX ENVIRONMENTAL PROTECTION**

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**SPILL OR LEAK PROCEDURES:** LARGE SPILLS>> Evacuate hazard area of unprotected personnel. Wear appropriate dust mask and protective clothing. Shut source of leak only if safe to do so. Avoid inhaling dust. Place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. SMALL SPILLS>> Pick up loose material and place in non-leaking containers; seal tightly for proper disposal.**WASTE DISPOSAL:** Observe all Federal, State and local regulations regarding proper disposal.

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**SECTION X ADDITIONAL PRECAUTIONS**

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Containers can contain hazardous product residues even when empty. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

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