**SAFETY DATA SHEET**

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**PHYSICAL STATE:** Solid. **pH:** N/A.

**SPECIFIC GRAVITY:** 2.80. **ODOUR THRESHOLD:** None.

**ODOUR:** None. **VAPOR DENSITY:** N/A.

**APPEARANCE:** Gray powder. **EVAPORATION RATE:** N/A.

**VAPOR PRESSURE:** None. **PERVENT VOLATILE:** 0.

**FREEZING POINT:** N/A. **BOILING POINT:** N/A.

**Section 4: Physical Data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Hazardous Ingredients:** | **CAS #:** | **% By Weight:** | **LD50:** | **LC50:** | **ACGIH** |
| **TLV/TWA:** | **TLV/Ceiling:** | **TLV/STEL:** | **Skin:** |
| 1.Portland Cement | 65997-15-1 | 30-40 | N/A | N/A | 10 mg/m3 | N/E | N/E | No |
| 2.Silicon Dioxide | 14808-60-7 | 55-60 | N/A | N/A | 0.05 mg/m3 | N/E | N/E | No |

\*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 the IARC and NTP 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.

**Section 3: Hazardous Ingredients**

**HMIS HAZARD RATING:**

**| HEALTH | |**1**| 0=** Least

**| FIRE | |**0**| 1=** Slight

**| REACTIVITY | |**0**| 2=** Moderate

**| PROTECTION | | | 3=** High

 **4=** Extreme

 **\*=** Chronic

**Section 2: Hazards Identification**

**PRODUCT: AC GROUT**

**PRODUCT USE:** Portland cement grout.

**PRODUCT CLASS:** Class D, Division 2, Subdivision A, Toxic Materials.

**DISTRIBUTED BY: WALLACE CONSTRUCTION SPECIALTIES LTD**

825 MacKay Street

 Regina, SK, Canada

 S4N 2S3

 306-569-2334

**REVISION DATE:** 07/2016.

**EMERGENCY CONTACT:** CANUTEC 613-996-6666

**Section 1: Product and Company Identification**

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**CONDITIONS OF FLAMMABILITY:** None.

**MEANS OF EXTINCTION:** Not applicable.

**FLASH POINT AND METHOD:** None.

**FLAMMABILITY LIMITS: LEL:** N/A. **UEL:** N/A.

**AUTOIGNITION TEMPERATURE:** None.

**SENSITIVITY TO MECHANICAL IMPACT:** No.

**SENSITIVITY TO STATIC DISCHARGE:** No.

**HAZARDOUS COMBUSTION PRODUCTS:** None recognized.

**Section 5: Fire and Explosion Data**

**Section 6: Reactivity Data**

**CHEMICAL STABILITY:** Stable.

**If no, under which conditions:**

**INCOMPATIBILITY:** Strong acids.

**CONDITIONS OF REACTIVITY:** None.

**HAZARDOUS DECOMPOSITION:** None recognized.

**ROUTE(S) OF ENTRY:** Primarily inhalation.

**EFFECT(S) OF ACUTE EXPOSURE TO PRODUCT**

 **EYE CONTACT:** Direct contact may result in mild to moderate irritation.

 **SKIN CONTACT:** Exposure may cause mechanical irritation.

 **INHALATION:** May cause mild to moderate irritation of the respiratory tract.

 **INGESTION:** May cause mild to moderate irritation of the digestive system.

**SIGNS AND SYMPTOMS**

 **EYE IRRITATION:** Signs include pain, tearing, reddening and swelling.

 **SKIN IRRITATION:** Signs include reddening, swelling, rash and redness.

**INHALATION IRRITATION:** Signs of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function.

**INGESTION IRRITATION:** Signs of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting and diarrhea.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing respiratory conditions may be aggravated by exposure to the product dust.

**OTHER HEALTH EFFECTS:** This product contains small amounts of Silica. Exposure to excessive amounts of dust may result in Silicosis.

**EXPOSURE LIMITS:** See Section II.

**EFFECT(S) OF CHRONIC EXPOSURE TO PRODUCT**

CARCINOGENICITY: Yes. REPRODUCTIVE TOXICITY: No. MUTAGENICITY: No.

TERATOGENICITY: No. SYNERGISTIC PROPERTIES: No.

**Section 7: Toxicological Properties**

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**PERSONAL PROTECTIVE EQUIPMENT:** Use of safety goggles/glasses is recommended to prevent direct eye contact. Respiratory protection should be utilized is dusty environments.

**ENGINEERING CONTROLS:** Use ventilation as required to control dust concentrations – at least 10 air changes per hour are recommended for good general room ventilation.

**LEAK AND SPILL PROCEDURES:** Place spilled material in sealed/marked containers. Avoid the creation of dust during remedial activities.

**PROPER WASTE DISPOSAL:** Observe all Provincial, Federal, State and Local regulations regarding proper disposal.

**HANDLING PROCEDURES:** No special procedures required.

**STORAGE REQUIREMENTS:** Store in a dry, cool location. Avoid sources of moisture contamination.

**SHIPPING INFORMATION:** None.

**Section 8: Preventative Measures**

**Section 10: Other Information**

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

**SKIN CONTACT:** Cleanse affected area(s) with mild soap and water. If irritation or redness develops or persists, seek medical attention.

**INHALATION:** Remove victim to fresh air and treat symptomatically. If symptoms persist seek medical attention.

**INGESTION:** Dilute with liquid unless the victim is unconscious or very drowsy. Prevent lung aspiration if vomiting spontaneously occurs. Consult a physician, hospital, or poison control center immediately.

**Section 9: First Aid Measures**

**PREPARATION DATE:** 07/2016.

**PREPARED BY:** David Carey.

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