

Material Safety Data Sheet (MSDS)

Read complete MSDS prior to using product.

Product Name: **Micro Milling Limited, Polymer-Modified Sanded Grout.****CONSUMER STATEMENT:**

DANGER CORROSIVE. SKIN, EYE AND RESPIRATORY IRRITANT. CONTAINS KNOWN OR PROBABLE HUMAN CARCINOGEN. HARMFUL OR FATAL IF SWALLOWED.

WORK AND HYGIENE PRACTICE:

Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.

I - GENERAL INFORMATION**MANUFACTURER:**MICRO MILLING LIMITED
Plaisance Park Industrial Estate,
Pointe-A-Pierre, Trinidad & Tobago, W.I.
Ph: (868) 659-4060**II - PHYSICAL CHARACTERISTICS**

Boiling Point	N/A
Vapor Pressure (mmHg)	N/A
Vapor Density (AIR=1)	N/A
Specific Gravity (H2O=1)	2,00 - 2,30
Melting/Freezing Point (F)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in water	Soluble
pH (paste/liquid)	11,0 - 13,0
Appearance and Odor	Powder. Various colors. General cement odor.

III - HAZARD ASSESSMENT**Hazardous Components**

(specific chemical identity; common names):	OSHA (PEL)	ACGIH (TLVTWA)	Other Limits Recommended	% Percent (Optional)
Silica Sand, Crystalline Quartz (CAS# 14808-60-7)	10mg/m ³	0,1mg/m ³	N/E	40 - 70
Hydraulic Cement (CAS# 65997-15-1)	15mg/m ³	10mg/m ³	N/E	15 - 40

IV - FIRE AND EXPLOSION HAZARD DATAFlash Point: N/A Lower Explosive Limit (%) - N/A Upper Explosive Limit (%) - N/A
Unusual Fire and Explosion Hazards - Some decomposition products may be harmful.**Extinguishing Media:**

Will not burn except under extreme temperatures. Water spray, carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures:

Wear standard fire fighting gear with self-contained breathing apparatus.

V - REACTIVITY DATA

Stability: Stable Conditions to Avoid: None known.

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids, and strong bases.

Hazard Decomposition of By-products: Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

Polymerization: Will Not Occur

Conditions to Avoid: None known.

VI - HEALTH HAZARD DATA

Routes of entry during normal usage: Inhalation? YES Skin? YES Ingestion? NO

Health Hazards:

Acute: Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people.

Chronic: Repeated (long term) inhalation of dust may result in silicosis.

Carcinogenicity: NTP - YES IARC - NO OSHA - NO Crystalline Silica - NTP Rating 1

Signs and Symptoms of Overexposure:

Dry skin, dermatitis, dry cough, irritated eyes from dust or any other potential adverse condition related to the alkaline nature of wet cement.

Medical Conditions That Can Be Aggravated by Exposure:

Allergies, skin and respiratory disorders. Product sensitivity.

VII - EMERGENCY AND FIRST AID PROCEDURE

- Eyes:** Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.
- Skin:** Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.
- Inhalation:** Remove to fresh air if allowable concentrations of any of the hazardous ingredients are exceeded. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.
- Ingestion:** Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material is Leaked or Spilled:

Wear protective equipment. Contain by diking with inert absorbent materials and put into an approved waste container.

Waste Disposal Method: Dispose in accordance to local environmental regulation.

Precautions to be taken during Handling and Storage:

Store in a manner to prevent dusty conditions.

Other Precautions: Avoid prolonged skins contact.

IX - CONTROL MEASURES

Respiratory Protection:

During work with dry product it is recommended to wear a NIOSH/MSHA approved respirator in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure to dust.

Ventilation: Local Exhaust - Use in WELL VENTILATED areas only. Mechanical - Use only intrinsically safe devices.
Special - N/A Other - N/A

Eye Protection: Safety glasses or goggles as necessary to prevent eye contact.

Protective Gloves: Impervious. (Nitrile, rubber, or better)

Other Protective Equipment: As needed to minimize contact with skin.

N/A="Not Applicable"

N/E="Not Established"

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