

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: PRODUCT INFORMATION

**Product Name:** GEM-CRETE HF ST  
**Manufacturer:** GEMITE PRODUCTS INC.  
**Address:** 1787 Drew Road, Mississauga, ON L5S 1J5  
**Emergency Phone:** US: 888-443-6483 CANADA: 905-672-2020  
**Chemical Family:** PORTLAND CEMENT BASED POWDER AND ACRYLIC LATEX ADMIXTURE

**CASRN:**  
**T.D.G. Classification:**

## SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS NO.
<b>DRY MATERIAL (COMPONENT A)</b>		
PORTLAND CEMENT	25	65997-15-1
SILICA SAND	74	14808-60-7
NON-HAZARDOUS INGREDIENTS	<1	
<b>LIQUID MATERIAL (COMPONENT B)</b>		
ACRYLIC LATEX	100	5586-20-3

## SECTION 3: PHYSICAL DATA

**Physical State :** TWO-COMPONENT, DRY POWDER & LIQUID ADDITIVE  
**Odour & Appearance :** NO ODOUR, GREY OR WHITE POWDER, ACRYLIC ODOUR,  
MILKY WATER BASED LATEX ADMIXTURE

**Vapour Pressure :** N.A.  
**Vapour Density :** N.A.  
**Evaporation Rate :** N.A.  
**Boiling Point :** N.A.  
**Specific Gravity :** 2.51 (DRY POWDER); 1.01 LATEX ADMIXTURE  
**Solubility in Water :** PARTLY SOLUBLE  
**pH of 5% solution:**  
**pH of 0.5% solution:**

## SECTION 4: FIRE & EXPLOSION DATA

**Flammability:** NONFLAMMABLE  
**Extinguishing Media:** N.A.  
**Special Procedures:** N.A.  
**Flash Point:** N.A.  
**Auto Ignition Temp:** N.A.  
**Hazardous Combustion Products:** N.A.  
**Explosion Hazards:** NO FIRE OR EXPLOSION HAZARDS

## SECTION 5: REACTIVITY DATA

**Conditions Contributing to  
Instability:** DRY POWDER REACTS WITH WATER

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<b>Incompatibility:</b>	Acids
<b>Hazardous Polymerization:</b>	Will not occur
<b>Reactivity Conditions:</b>	WET ENVIRONMENTS
<b>Hazardous Products of Decomposition:</b>	None

<b>SECTION 6: TOXICOLOGICAL PROPERTIES</b>
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<b>Route of Entry:</b>	EYES, MOUTH, SKIN
<b>Skin Contact:</b>	DRY SKIN
<b>Eye Contact:</b>	SLIGHT IRRITATION TO EYES
<b>Inhalation:</b>	IRRITATION OF THE THROAT
<b>Ingestion:</b>	IRRITATION OF THE THROAT
<b>EFFECTS OF CHRONIC EXPOSURE:</b>	CEMENT DUST CAN CAUSE INFLAMMATION OF THE TISSUE LINING THE INTERIOR OF THE NOSE AND CORNEA OF THE EYE
<b>ACUTE EXPOSURE:</b>	CEMENT AND WET CEMENT MIXTURES CAN DRY SKIN, CAUSE ALKALI BURNS AND IRRITATE THE EYES AND RESPIRATORY TRACT
<b>TLV:</b>	N/A

<b>SECTION 7: PREVENTATIVE MEASURES</b>
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**Protective Equipment**

<b>- Gloves Type:</b>	BARRIER CREAMS, GLOVES
<b>- Respiratory Type:</b>	# 8500 PARTICLE MASK BY 3M OR EQUIVALENT
<b>- Eye Type:</b>	TIGHT FITTING GOGGLES IN DUSTY ENVIRONMENTS
<b>-Footwear:</b>	N.A.
<b>- Clothing Type:</b>	CLOTHING TO PREVENT SKIN CONTACT
<b>Leak/ Spill:</b>	REMOVE BY DRY CLEAN UP METHODS WHICH MINIMIZE THE DISPERSION OF DUST
<b>Waste Disposal:</b>	DISPOSE OF AS COMMON WASTE
<b>HANDLING PROCEDURES &amp; EQUIPMENT:</b>	MINIMIZE DUST EXPOSURE
<b>STORAGE NEEDS:</b>	KEEP IN DRY STORAGE, PROTECT THE LATEX ADMIXTURE FROM FREEZING

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<b>SECTION 8:            APPLICABLE CONTROL MEASURES</b>
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**Engineering Controls:** VENTILATION SHOULD BE SUFFICIENT IN VOLUME AND DISTRIBUTION TO CONTROL DUST EXPOSURE

<b>SECTION 9            FIRST AID MEASURES</b>
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**Eye Contact:**            IRRIGATE WITH LARGE AMOUNTS OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS

**Skin Contact:**            WASH EXPOSED AREAS WITH SOAP AND WATER

**Inhalation:**            MOVE PERSON TO FRESH AIR AND SEEK MEDICAL ATTENTION

**Ingestion:**            INHALATION IN HARMFUL QUANTITIES IS UNLIKELY TO OCCUR, BUT IF INGESTED, DRINK PLENTY OF WATER AND CONSULT PHYSICIAN. DO NOT INDUCE VOMITING.

<b>SECTION 10:           OTHER INFORMATION</b>
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N.A.: NOT APPLICABLE

N.D.: NOT DETERMINED