

MATERIAL SAFETY DATA SHEET

For Coatings, Resins, and Related Materials.

MANUFACTURED FOR:
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DATE OF PREPARATION: Jan 5, 2004

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: Spray-Mix **PRODUCT:** Spray- MIX **PRODUCT CLASS:** sand mix
TRANSPORTATION INFORMATION: Class 50 B sand mix, 50 Lb bags.
HMS INFORMATION: **HEALTH:** 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PERSONAL PROTECTIVE EQUIPMENT: G

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>OSHA - PEL</u>	<u>ACGIH TLV</u>
PORTLAND CEMENT	65977-15-1	50 ppm	10 ppm
SILICA SAND	14808-60-7	0.1 ppm	0.1 ppm
OTHER SILICATES AND POLYMERS B PROPRIETARY B NON-TOXIC			

N.E. B NONE ESTABLISHED.

SECTION III - PHYSICAL / CHEMICAL DATA

BOILING POINT: NONE **SPECIFIC GRAVITY:** 2.65
VAPOR PRESSURE: N/A **VAPOR DENSITY (AIR = 1):** N/A
% VOLATILES IN WATER: < 1% **EVAPORATION RATE(BUTYL ACETATE = 1):**N/A
APPEARANCE AND ODOR: DRY WHITE POWDER.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA.

FLASH POINT: N/A
FLAMMABLE LIMITS: **LOWER:** N/A **UPPER:** N/A
EXTINGUISHING MEDIA: DRY CHEMICALS, CARBON DIOXIDE, FOAM.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCTS OF COMBUSTION MAY INCLUDE IRRITATING GASES.

SECTION V - REACTIVITY DATA

STABILITY: **STABLE (X)** **NOT STABLE ()**
CONDITIONS TO AVOID: NONE KNOWN.
INCOMPATIBILITY (MATERIALS TO AVOID): DISSOLVES IN HYDROFLUORIC ACID. MINERAL ACIDS.
HAZARDOUS DECOMPOSITION PRODUCTS: WITH ACID: CARBON MONOXIDE, CARBON DIOXIDE, SILICON TETRA FLUORIDE.
HAZARDOUS POLYMERIZATION: **WILL ()** **WILL NOT (X)**

SECTION VI - HEALTH HAZARD DATA

<u>ROUTES OF ENTRY</u>	<u>HAZARD</u>
EYES: (X)	CONTACT MAY CAUSE EYE IRRITATION.
SKIN: (X)	PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION.
INHALATION: (X)	BREATHING DUST MAY CAUSE RESPIRATORY TRACT IRRITATION.
INGESTION: (X)	NOT KNOWN. PRODUCT HAS LOW ORDER OF ORAL TOXICITY.

EMERGENCY AND FIRST AID PROCEDURES.

EYE: FLUSH WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK IMMEDIATE MEDICAL ATTENTION.
SKIN: REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK IMMEDIATE MEDICAL ATTENTION.

PRODUCT NUMBER :

Spray-Mix PRODUCT :

Spray- MIX

PRODUCT CLASS : cement powder

SECTION VI c HEALTH HAZARD DATA (CONT.)

INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, START ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION: PRODUCT IS PRACTICALLY NON-TOXIC. SEEK MEDICAL ATTENTION IF SWALLOWED.

CHRONIC EFFECTS OF OVEREXPOSURE: PROLONGED EXPOSURE TO DUST OVER THE TLV MAY CAUSE SCARRING OF LUNGS, AND DELAYED LUNG INJURY.(SILICOSIS.)

SECTION VII - SPILL OR LEAK PROCEDURES.

SPILLS OR LEAKS: COLLECT SPILLS USING DUSTLESS METHOD. MATERIAL CAN BE RETURNED TO CONTAINER FOR FUTURE USE.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL , STATE, AND LOCAL REGULATIONS. PRODUCT IS COMMON WASTE.

HANDLING AND STORAGE: STORE IN COOL, DRY, WELL VENTILATED PLACE. AWAY FROM HEAT AND OPEN FLAME. AVOID PROLONGED OR REPEATED INHALATION OF HEATED VAPORS, SPRAY MISTS, OR DUST CLOUDS.

OTHER PRECAUTIONS: NONE KNOWN.

SECTION VIII - SAFE HANDLING AND USE INFORMATION.

VENTILATION REQUIREMENTS: LOCAL (X) MECHANICAL () OTHER ()

RESPIRATORY PROTECTION (Specify Type): USE NIOSH APPROVED RESPIRATOR AS OUTLINED IN 30CFR11 AND 29CFR1919.134 OR AIR SUPPLIED RESPIRATORS WITH FULL FACE PIECE TLV/PEL ARE EXCEEDED.

PROTECTIVE GLOVES: NEOPRENE RUBBER

EYE PROTECTION: SPLASH GOGGLES OR FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT: NONE KNOWN.

SECTION IX - SPECIAL PRECAUTIONS.

OTHER PRECAUTIONS: KEEP CONTAINERS AND BAGS CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

NOTE: THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND TH CONDITIONS OF HANDLING, AND USE, OR MISUSE, ARE BEYOND OUR CONTROL. GEMSTONE SYSTEMS, INC., MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS / HER PARTICULAR USE.