MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Pakmix Bagged Sand Mixes **HMIS CODES: H FR P**

PRODUCT CODE: Pakmix Sand Mix **1 0 0 B**

========== **SECTION I - MANUFACTURER IDENTIFICATION** ==========

MANUFACTURER'S NAME: PAKMIX INC.

ADDRESS 142 SW 153rd ST
BURIEN, WA. 98166

EMERGENCY PHONE **DATE PRINTED**:

INFORMATION PHONE: (800)272-5649 **NAME OF PREPARER** : Pakmix Inc.

========== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION ==========

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
Tri Calcium Silicate TLV: 5 mg/ cubic meter (respirable dust) TLV: 10 mg/ cubic meter (total dust)		n/a	n/a

***No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 312 are present. *** This MSDS is prepared to comply with the OSHA Hazard Communication Standard. (29 CFR 1910.1200) Unlisted ingredients are not 'Hazardous per this OSHA Standard and are considered to be trade secrets of Pakmix Corporation. Identities of trade secret ingredients will be made available following the procedures specified in the standard.

========== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** ==========

BOILING RANGE: *n/a* **SPECIFIC GRAVITY** (H2O=1): 2.68

VAPOR DENSITY: *n/a* **EVAPORATION RATE**: n/a

COATING V.O.C.: 0.00 lb/gl **MATERIAL V.O.C.**: 0.00 lb/gl

SOLUBILITY IN WATER: Slight 0.1- 1.0 %

APPEARANCE AND ODOR: Grey powder with sand, possibly rock -Odorless

========== **SECTION IV FIRE AND EXPLOSION HAZARD DATA** ==========

FLASH POINT: n/a **METHOD USED:** n/a
FLAMMABLE LIMITS IN AIR BY VOLUME- **LOWER**: n/a **UPPER**: n/a

EXTINGUISHING MEDIA= n/a

SPECIAL FIREFIGHTING PROCEDURES

n/a

UNUSUAL FIRE AND EXPLOSION HAZARDS

n/a

========== **SECTION V REACTIVITY DATA** ==========

STABILITY: Product hardens in 6-8 hours and becomes stable.

CONDITIONS TO AVOID

None known

INCOMPATIBILITY (MATERIALS TO AVOID)

Acids, Fluorine, any additive except Water

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon Dioxide when ailed with Acids

HAZARDOUS POLYMERIZATION= Will not occur.

========== SECTION VI HEALTH HAZARD DATA ==========

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Causes irritation of mucous membrane and respiratory passages.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Corrosive to skin and eyes. Akali burns to skin and eyes may result if contacted.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Systematically toxic concentrations will probably not be absorbed through the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Single dose oral toxicity is low. No hazards anticipated from ingestion due to industrial exposure.

HEALTH HAZARDS (ACUTE AND CHRONIC
No anticipated chronic effects.

CARCINOGENICITY= NTP CARCINOGEN= No **IARC MONOGRAPHS= No OSHA REGULATED=** No
None.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Persons with lung disease should avoid inhalation.

EMERGENCY AND FIRST AID PROCEDURES
Wash eyes immediately with water. If irritation persists, seek medical attention. For gross inhalation, remove person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.

========== SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use dustless methods {vacuum} and place into container for disposal, or flush with water. Do not dry sweep and disperse particles into the air. Wear protective equipment specified below.

WASTE DISPOSAL METHOD
This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. State or local hazardous waste regulations lay apply if they are different from the federal regulations. Dispose of according to Federal, State, and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid breakage of bagged material or spills of bulk material. Keep Dry.

OTHER PRECAUTIONS
None

========== SECTION VIII CONTROL MEASURES ==========-

RESPIRATORY PROTECTION
Only HIOSH-approved or MSHA-approved equipment should be used.

VENTILATION
Use sufficient local exhaust to maintain TLV's and PEL's.

PROTECTIVE GLOVES
Protect hands with by using rubber or leather gloves.

EYE PROTECTION
Use protective shield (safety glasses] when exposed to dust particles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Wear appropriate protective clothing. Launder contaminated clothing after use.

WORK/HYGIENIC PRACTICES

Avoid creating and breathing dust.

========== SECTION IX DISCLAIMER ==========

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from, the use thereof. Pakmix Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material. Customers-users of silica must comply with all applicable health and safety laws, regulations and orders.