



MOHAWK MATERIALS CO., INC.

Safety Data Sheet STRONG-CRETE High Strength Concrete Mix

Section 1 Identity

Company Information

Tulsa/Sand Springs Division; PO Box 640 Sand Springs, OK 74063; (918) 584-2707; (918) 584-2708 Fax; (800) 259-8721 Toll Free

Handi Sak Division; 8300 NW 3rd Oklahoma City, OK 73127; (405) 789-3001; (405) 789-3008 Fax; (800) 299-5228 Toll Free

Common Name used on product label

Dry Concrete Mix

Chemical Name

Does not apply

Chemical Family

Does not apply

Formula

Mixture of Portland cement, sand, and/or rock

Trade Name & Synonyms

Strongcrete

Section 2 Hazardous Ingredients

Hazardous Component	CAS #	% Typical	TLV Units	PEL Units
Sand & Rock (Quartz)	14808-60-7	*	0.1 mg/m ³ **	0.1 mg/m ³ **
Portland Cement	65997-15-1	*	10 mg/m ³	15 mg/m ³ (total dust) 5 mg/m ³ **

*Varies depending on product

**Respirable fraction

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA)

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists (ACGIH)

Section 3 Physical Data

Boiling Point

Does not apply

Percent Volatile by Volume

0%

Percent Soluble in Water

Slight (0.1 – 1.0%)

Appearance

Fine, gray powder mixed with sand and/or rock

Odor

None

Specific Gravity (H₂O = 1) 2.6 – 2.7

Vapor Density (Air = 1) Does not apply

Reactivity in Water Will not evolve flammable or toxic gases

Vapor Pressure (mm=Hg) Does not apply

Evaporation Rate Does not apply

(n = Butyl Acetate)

Hazardous Material Information System Identifier (HMIS)

Health = 2*

Flammability = 0

Reactivity = 1

Personal Protection = X

Section 4 Fire and Explosion Data

Flash Point (Method used)

Will not ignite

Extinguishing Media

Does not apply

Unusual Fire and Explosion Hazards

None

Special Fire Fighting Procedures

None

Flammable Limits in Air (% by Volume)

Lower: Does not apply

Upper: Does not apply

Auto Ignition Temperature

Does not apply

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications which are not included within this document.

Section 5 Health Information

Signs and Symptoms of Exposure

1. Acute Overexposure
Irritation of skin, eyes, or nasal passages
When wet, contact with the skin or eyes may result in irritation and/or alkali burns
2. Chronic Overexposure
Cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea
Hypersensitive individuals may develop allergic dermatitis
Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis
Over time, exposure could eventually lead to lung cancer

Medical Condition generally aggravated by exposure

Respiratory disorders or diseases, dermatitis, or other skin disorders may be aggravated by exposure

Chemical/Component Listed as Carcinogen NTP IARC OSHA

Quartz Yes Yes No

Other exposure limits

None

Emergency and First Aid Procedures for indicated routes of entry

Inhalation: Remove from exposure; if not breathing, give artificial respiration; if breathing is difficult, give oxygen; CONSULT PHYSICIAN

Eye Contact: Immediately flush eyes with large quantities of water for at least 15 minutes; CONSULT PHYSICIAN

Skin Contact: Immediately wash skin thoroughly with soap and water

Section 6 Reactivity Data

Stability

Incompatibility (Materials to avoid)

Hazardous Decomposition or Combustion Products

Hazardous Polymerization

Conditions to avoid

Stable

Material is highly alkaline. Contact with acids will produce a violent, exothermic reaction and may evolve toxic gases or Vapors, depending upon the acid involved.

Does not apply

Will not occur

Does not apply

Section 7 Spill or Leak Procedures

Steps to be taken in case material is released or spilled

Clean up of spills may require personal protective equipment to prevent dust exposures and protect against alkali burns or irritation.

Waste Disposal Method

If this material, as packaged, becomes a waste it does not meet the criteria for a hazardous waste as defined by the EPA under the authority of the Resource Conservation and Recovery Act (40CFR 261). Dispose of in accordance with Federal, State, and local regulations.

Section 8 Personal Protection Information

Respiratory Protection (Specify Type)

NIOSH/MSHA approved for protection against nuisance dusts

Ventilation

General or local exhaust to maintain exposure below TLV/PEL

Other Protective Clothing or Equipment

Rubber high top boots, barrier creams, arm sleeves and aprons may be used when necessary to prevent skin contact

Protective Gloves

Rubber, PVC, Neoprene or other impervious material

Eye Protection

Goggles

Section 9 Special Precautions

Precautions to be taken in handling and storing

Should be stored in a manner to prevent contact with strong acids
Contact with water should be avoided to preserve product

No Other Precautions