

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

Sakrete Concrete Mix

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

American Stone-Mix, Inc.

Emergency Telephone Number

(301) 494-1560

Address (Number, Street, City, State, and ZIP Code)

8320 Bellona Avenue

Telephone Number for Information

(301) 296-6770

Towson, MD

21204-2012

Date Prepared

July 29, 1987

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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Portland Cement

CAS #65997-15-1

5mg/m³ Respirable
10mg/m³ Total

Sand & Stone

Varies

5mg/m³ Respirable
10mg/m³ Total

Section III — Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	2.85 - 3.00
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA

Solubility in Water

Slight

Appearance and Odor

Grey colored powder with no odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	NA	LEL	NA	UEL	NA
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Extinguishing Media

NA

Special Fire Fighting Procedures

Concrete Mix is non combustible and not explosive.

Unusual Fire and Explosion Hazards

NA

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	NA
	Stable	X		
Incompatibility (Materials to Avoid) Water will cause material to harden.				
Hazardous Decomposition or Byproducts NONE				
Hazardous Polymerization	May Occur		Conditions to Avoid	NA
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Nuisance Dust	Skin?	irritant	Ingestion?	irritant
Health Hazards (Acute and Chronic)						
Wet concrete mix in unhardened form can dry the skin and cause Alkali burns, concrete mix dust can irritate the eyes and upper respiratory system.						
Carcinogenicity:	NTP?	NA	IARC Monographs?	NA	OSHA Regulated?	NA
Not known to cause cancer.						
Signs and Symptoms of Exposure						
Dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Individuals who are allergic to Chromium may develop an allergic dermatitis. Cement may contain traces of Chromium.						
Medical Conditions						
Generally Aggravated by Exposure None known						

Emergency and First Aid Procedures Irrigate (flood) eyes immediately and repeatedly with clean water. Wash exposed skin with soap & water. Get prompt medical attention.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled If concrete mix is spilled, it can be cleaned up using dry methods that do not disperse dust into the air, avoid breathing dust. Emergency procedures are not required.

Waste Disposal Method Concrete mix can be treated as a common waste for disposal or returned to the container for later use if not contaminated or wet.

Precautions to Be Taken in Handling and Storing

Water will cause the material to harden and should be protected against during storage.

Other Precautions

NA

Section VIII — Control Measures

Respiratory Protection (Specify Type)			
In dusty environments, use of an OSHA, MSHA or NIOSH approved respirator for nuisance dust is recommended.			
Ventilation	Local Exhaust	Use if needed to control dust.	Special NA
	Mechanical (General)	NA	Other NA
Protective Gloves	Recommended	Eye Protection	Recommended
Other Protective Clothing or Equipment			
Boots and clothing to protect skin from contact with Wet Concrete mix is recommended.			
Work/Hygienic Practices			
Following work with concrete mix workers should shower with soap and water.			

DISCLAIMER:

Safety and health information provided is believed to be accurate, however, most originated at independent governmental or private sources or in the scientific literature and covers a considerable time span, during which sophistication in equipment procedures, etc., knowledge, and changes in the law occur. It is offered as a convenience only for use in recipient's own independent verification and/or investigation and not reliance thereon otherwise. American Stone-Mix Co., Inc. DISCLAIMS any express and all implied warranties, including accuracy, adequacy, and suitability of the information. It is intended for persons of appropriate knowledge, skill and training, who in choosing to apply said information with or without independent verification do so at their own risk.