

1. IDENTIFICATION

Product name: STONE CAST

Manufacturer: Jewelry Plaster Ltd.

322/5-6 (1st floor) Bangkok Gem & Jewelry Tower, Surawong Road , Bangrak,
Bangkok 10500, Thailand

2. COMPOSITION INFORMATION

	CAS#	PEL	%
Cristobalite	14464-46-1	0.05 mg/m ³	35-45
Quartz	14808-60-7	0.1 mg/m ³	25-35
Calcium Sulfate Hemihydrate	7778-48-9	5 mg/m ³	25-35

3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White powder
Odor	: Odorless powder
pH	: 8-9
Boiling point	: Not applicable
Melting point	: Not applicable
Relative Density	: 2.4
Vapor Density (AIR =1)	: Not applicable
Solubility in water	: Non soluble

4. FIRE AND EXPLOSION HAZARD DATA

Flash point	: Not applicable
Flammability	: Non flammable
Extinguishing Media	: Not applicable
Special Fire Fighting Procedures	: Not applicable
Unusual Fire and Explosion Hazards	: Not applicable

5. REACTIVITY DATA

Stability	: Stable
Conditions to Avoid	: None
Incompatibility (Material to avoid)	: Hydrofluoric acid, in which silica will dissolve and produce the corrosive gas silicon tetra fluoride.
Hazardous Decomposition Products	: Not application
Hazardous Polymerization	: Will not occur



MATERIAL SAFETY DATA SHEET

6. HEALTH HAZARD DATA

- Skin : May cause dry feeling on skin
Eyes : May cause irritation
Inhalation : Prolonged exposure to respirable crystalline silica may cause chronic lung injury (silicosis). Acute developing silicosis may occur in a short time in a heavy exposure. There is limited evidence that suggests that crystalline silica may cause cancer in humans.
Ingestion : Hardens when wetted and, if ingested, may result in an obstruction.
Carcinogenicity : -
NTP : No
IARC Monographs : Yes
OSHA Regulated Carcinogen : Yes

7. EMERGENCY FIRST AID PROCEDURES

- Skin : Wash with soap and water. Use hand lotion.
Eyes : Wash eyes immediately with copious amounts of water, lifting lower and upper lids occasionally. If irritation persists, get medical attention.
Inhalation : Move exposed person to fresh air at once.
Ingestion : Consult physician.

8. PRECAUTIONS FOR SAFE HANDLING & USE

- Handling : Avoid contact with skin and eyes. Use in a well ventilated area. Avoid inhaling dust. Do not breathe dust.
Storage : Keep container closed. Store under normal dry environment.

In case material is released or spilled: Ventilate area of spill or release. Sweep up. Avoid unnecessary stirring or handling in order to prevent formation of dust.

Waste Disposal Method: Landfill

9. CONTROL MEASURES

- Respiratory Protection : Use NIOSH-approved equipment.
Ventilation : Use sufficient local exhaust to reduce the level of respirable crystalline silica to the PEL.
Protective Gloves : Gloves optional
Eye Protection : Eye goggles
Other Protective Clothing or equipment : N/A
Work/Hygiene Practices : Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

10. TRANSPORTATION

Not special precautions are required. This product is not classified as dangerous for conveyance.



MATERIAL SAFETY DATA SHEET

11. SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating: H3 F0 R0

[HMIS Index: 4-Severe Hazard; 3-Serious Hazard; 2-Moderate Hazard; 1-Slight Hazard; 0-Minimum Hazard]

EC Label : Harmful

R-Phrases : Harmful by inhalation

Danger of serious damage to health by prolonged exposure.

S-Phrases : Do not breathe dust

This product contains chemical, crystalline silica can lead to respiratory tract damage (silicosis).

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard and is to be used only for this product. Information contained herein is believed to be accurate but all statements or suggestions are made without warranty or guarantee, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

This MSDS cannot cover all possible situations which the user may experience during processing. It is the user's responsibility to develop appropriate work practice guidelines and employee instructional programs for their operation.