



MATERIAL SAFETY DATA SHEET

SECTION 1: GENERAL INFORMATION

MANUFACTURER'S NAME: Corinthian Cast Stone Inc.
MANUFACTURER'S ADDRESS: 115 Wyandanch Ave. Wyandanch NY 11798
EMERGENCY PHONE NUMBER: 631-920-2340
PRODUCT NAME: Corinthian Restoration Mortar
TRADE NAME AND SYNONYMS: Corinthian restoration Mortar
CHEMICAL NAME: Portland cement, crystalline Silica, Quartz
CHEMICAL FAMILY: Calcium Salts, Silicon Dioxide
FORMULA: CaO, SiO₂

SECTION 2: HAZARDOUS INGREDIENTS

COMPONENT	CAS #	%	OSHA/PEL	ACGIH/TLV
Silica, Crystalline Quartz	14808-60-7	38%	10 mg/m ³ Respirable Respirable % Silica	01mg/m ³ Respirable
Calcium Fornate	544-17-2	7%	30mg/m ³ Respirable Respirable % Silica	15mg/m ³ Respirable

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY: 2.90
PERCENT VOLATILE BY VOLUME: 0%
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Fine powder and granular material, earth tone in color, no odor

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non-flammable, non-combustible or explosive
FLAMMABLE LIMITS: LEL: None UEL: None
EXTINGUISHING MEDIA: None
SPECIAL FIREFIGHTING PROCEDURES: None
UNUSUAL FORE AND EXPLOSION HAZARDS: None

SECTION 5: REACTIVITY DATA

STABILITY: UNSTABLE: _____ STABLE :

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: MAY OCCUR: _____ WILL NOT OCCUR:

CONDITIONS TO AVOID: None

SECTION 6: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

INHALATION: YES INGESTION: NO
SKIN ABSORPTIONS: NO NON HAZARDOUS:

CARCINOGENICITY:

NTH: NO OSHA: NO
IRA MONOGRAPH: YES NOT LISTED:

HEALTH HAZARDS:

ACUTE: Acute or rapidly developing silicosis may occur in a short period of time in heavy exposure in certain occupations such as sandblasters. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death.

CHRONIC: Prolonged exposure to respirable crystalline quartz may cause delayed(chronic) lung injury (silicosis)

SIGNS AND SYMPTOMS OF EXPOSURE:

Material can dry the skin and cause alkali burns. Dust can irritate the eyes and upper respiratory system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pulmonary function may be reduced by inhalation of respirable crystalline silica.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Wash immediately with water. If irritation persists, seek medical attention.

SKIN CONTACT: Wash exposed areas with soap and water.

INHALATION: For gross inhalation remove person to fresh air, give artificial respiration as needed, and seek medical attention as needed.

INGESTION: Seek medical attention.

SECTION 7: CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): NIKOS approved respirator is recommended.

PROTECTIVE GLOVES: recommended

EYE PROTECTION: recommended

VENTILATION TO BE USED:

LOCAL EXHAUST: Needed in dusty conditions

MECHANICAL:

SPECIAL:

OTHER:

SECTION 8: PRECAUTION FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED: Clean up immediately

WASTE DISPOSAL METHOD: Can be salvaged for use if not contaminated or remove as common waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid excessive contact with skin.

OTHER PRECAUTIONS AND OR SPECIAL HAZARDS: Dustless method, (vacuum) preferable for cleanup.

