

MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

FOR CHEMICAL EMERGENCY

Call ChemTrec day/night: 1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CRACK REPAIR KIT

DATE PREPARED: March 31, 2009

PART NUMBER: 74508

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SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

OTHER

HAZARDOUS COMPONENTS OSHA PEL ACHIH TLV LIMITS

SILICON DIOXIDE SiO $_2$ 10mg/m 3 8 hr TWA 0.1 mg/m 3 0.5mg//m 3 CAS # 14808-60-7 10hr. TWA

SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:4046 °FSpecific Gravity.(H2O=1): 2.65Vapor Pressure(mm Hg):NoneMelting Point: 3050 °F

Vapor Density (Water=1): None Evaporation Rate (Butyl Acetate=1): None

Solubility in Water: Insoluble

Appearance and Odor: White or tan sand, granular, odorless

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point (Method Used): None

Flammable Limits: None LEL: UEL:

Extinguishing Media: None required. Sand may be used as an extinguishing media.

Special Fire-Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: None

SECTION 5 - STABILITY AND REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Contact with powerful oxidizing agents such as fluorine may cause fires.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Silica will dissolve in hydrofluoric acid an produce a corrosive gas-silicon tetrafluoride.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED Page 1 of 2 REV 03/31/2009 BJM

SECTION 6 - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION

Health Hazards(Acute and Chronic): Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis).

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: YES OSHA REGULATED: NO

IARC concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity to humans.

Medical Conditions Generally Aggravated by Exposure: Respiratory and pulmonary disorders. Smoking aggravates the effects

of exposure.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Irrigate with water. If irritation persists, see physician.

For gross inhalation: Remove victim to fresh air, give artificial respiration as needed, seek medical attention as needed.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Vacuum up and place into closable container for disposal, or flush with water.

Do NOT dry sweep.

Waste Disposal Method: In accordance with federal, state and local ordinances.

Precautions For Storing and Handling: Avoid breakage and dusting.

Other Precautions: None

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type): When particulate concentration is up to 5 times PEL, use any NIOSH- or MSHA-approved respirator.

VENTILATION: Local Exhaust: Yes Special:

Mechanical: Other:

Protective Gloves: Optional

Eye Protection: Safety glasses when exposed to dust particles

Other Protective Clothing or Equipment: Optional

Work Hygienic Practices: Avoid creating and breathing dust.

N/A — NOT APPLICABLE N/L — NOT LISTED