



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

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

**FOR CHEMICAL  
EMERGENCY**

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## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CRACK REPAIR KIT  
**PART NUMBER:** 74508

**DATE PREPARED:** March 31, 2009

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## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACHIH TLV	OTHER LIMITS
SILICON DIOXIDE SiO <sub>2</sub> CAS # 14808-60-7	10mg/m <sup>3</sup> 8 hr TWA	0.1 mg/m <sup>3</sup>	0.5mg/m <sup>3</sup> 10hr. TWA

## SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS

**Boiling Point:** 4046 °F  
**Vapor Pressure(mm Hg):** None  
**Vapor Density (Water=1):** None  
**Solubility in Water:** Insoluble  
**Appearance and Odor:** White or tan sand, granular, odorless

**Specific Gravity.(H<sub>2</sub>O=1):** 2.65  
**Melting Point:** 3050 °F  
**Evaporation Rate (Butyl Acetate=1):** None

## 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 and produce a corrosive gas-silicon tetrafluoride.  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** None

