

# **Material Safety Data Sheet**

## Mica (All Grades)

#### PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mica Chemical Name: Muscovite Chemical Family: Potassium, magnesium, aluminum silicate Chemical Formula: KAI2-(AISi3)-010(OH)2

Revised: 7/2010 CAS#: 12001-26-2

**NFPA Properties:** 

Health: 1 Flammability: 0 Reactivity: 0

Supplier:

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Houston, Texas 77032 USA Office: (713) 482-0500 Fax: (713) 482-0695 Company website: <u>www.nov.com</u>

#### **Emergency Telephone Number:**

CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

#### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TLV's (ACGIH)					
Hazardous Components	ACGIH TLV	TWA MG/M <sup>3</sup> STEL PPM	STEL MG/M <sup>3</sup>	CAS#	LIMITS
1. Muscovite 2. Respirable 3. Total	3 mg/m3 6 mg/m3			12001-26-2 20 MPPCF	

#### III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point °F: N/A Specific Gravity: 2.87 Vapor Pressure: N/A Percent Volatility: N/A Vapor Density: N/A Evaporation Rate: N/A Solubility In Water: N/A Melting Point °F: NDA Color: Siver-gray Odor: Odorless Appearance: Flakes pH: Viscosity: N/A Activity: N/A LC50: NDA LD50: NDA



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#### IV. FIRE & EXPLOSION HAZARD DATA

**Extinguishing Agents:** Dry chemical, foam, carbon dioxide, water spray or fog, sand & earth. **Flash Point:** N/A

Flammable Limits: LEL: N/A UEL: N/A

Special Fire fighting Procedures: Evacuate area of all unnecessary personnel. Use NIOSH approved self contained breathing apparatus and other protective equipment if conditions warrant. Water fog or spray may be used to cool exposed containers and equipment Unusual Fire & Explosion Hazards: None established

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: yes Skin: yes Ingestion: yes Effects of Overexposure: Long term exposure to high dust concentrations may cause non-debilitating lung changes Toxicological Properties: NDA Chronic & Acute Effects of Overexposure: Carcinogenicity: NTP: no IARC Monographs: no OSHA Regulated:

Emergency First Aid Procedures:

**Eyes:** Flush eyes with running water. If irritation or adverse symptoms develop, seek medical attention. **Skin Contact:** Wash skin with soap and water. If irritation or adverse symptoms develop, seek medical attention. **Inhalation:** Remove from exposure. If illness or adverse symptoms develop, seek medical attention. **Ingestion:** If illness or adverse symptoms develop, seek medical attention.

N/A = Not Applicable NDA = No Data Available

#### VI. REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Smoke, fumes, carbon monoxide, carbon dioxide

Conditions to Avoid:

Incompatibility and Materials to Avoid:

#### VII. SPILL & DISPOSAL PROCEDURES

#### Steps to Be Taken in Case Material is Released or Spilled --- Procedures of clean up:

Wear protective equipment if exposure conditions warrant. Contain spill and control dusts. Keep out of water sources and sewers. Sweep up and repackage.

#### Waste Disposal Method:

Insure conformity with all Applicable Disposal Regulation. Incinerate or place in permitted waste management facility.

#### Precautions to Be Taken In Handling & Storage:

Avoid contact with eyes, skin, or clothing. Store in well ventilated area.



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#### VIII. PROTECTIVE EQUIPMENT

Ventilation Type Required: Use adequate ventilation to control concentration below recommended exposure limits.

Protective Gloves: Recommended.

Eye Protection: Use safety glasses with side shields

**Other Protective Equipment:** Respirators not generally required unless needed to prevent respiratory irritation. **Comments:** Personal protection information shown is based upon general information as to normal uses and conditions. Where special or unusual conditions exist, it is suggested that an expert of industrial hygienist or other qualified personnel be sought.

#### IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: "Oil-Well Treating Compound" US DOT Hazard Class: DOT ID Number: ID Number: Freight Classification: Unregulated By DOT: Regulated by DOT: Special Transportation Note: Labels Required:

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#### For further information contact:

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