

Cadco Material Safety Data Sheet

600 E. Hueneme Road, Oxnard, CA 93033-8600 USA

8/7/2002

Emergency 805/488-1122

Information 805/488-1122

Product Name Alginate Impression Materials

Other Name Algiform, Reducit, Regular Set, Quala

Applicable REF NA

MSDS Number NA

Hazardous Ingredients

| Principal Hazardous Components | PEL / TLV | CAS Number | Percentage |
|---|--------------------------------------|-------------------|------------|
| Diatomaceous Earth (may contain up to 60 % crystalline silica as cristobalite) | 10 mg / cubic m | 14464-46-1 | NA |
| Potassium Titanium Fluoride | 2.5 mg / cubic m, as fluoride | 16919-27-0 | NA |

Physical and Chemical Characteristics

| | | | |
|-------------------------|--|-------------------------|--------------------------|
| Appearance | Dry powders of varying densities, colors, flavors, and final viscosities. | | |
| Boiling Point | NA | Odor | Pleasant |
| Melting Point | NA | Vapor Density | NA |
| Vapor Pressure | NA | Specific Gravity | Varies w/ product |
| Evaporation Rate | NA | Water Solubility | Gel Former |

Fire and Explosion Data

| | | | |
|---------------------------|--|---|-------------------|
| Flammable Limits | Not considered to be a fire hazard. | | |
| Explosive Limits | Not considered to be an explosion hazard. | | |
| Extinguisher Media | A B C | Special Fire Fighting Procedures | None |
| Flashpoint | NA | Unusual Hazards | None Known |

Reactivity Data

| | | | |
|--------------------------|---------------|----------------------------------|------------------------------------|
| Stability | Stable | Hazardous Decomp Products | Fluoride cmpds @ high temps |
| Incompatibilities | Acids | Hazardous Polymerization | Will not occur. |

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Health Hazard Information

Inhalation May cause irritation if pel is exceeded. Control dust below pel level.

Ingestion NA

Skin/Eye Contact May cause irritation, flush area with water for 15 minutes. Call physician.

Toxicity Data No harm via exposures of normal use; harmful only due to overwhelming dose or unusual conditions.

Acute Hazards None

Chronic Hazards Long term exposure in excess of pel can result in silicosis, a non cancerous lung disease.

Carcinogenicity Crystalline silica not listed by NTP or OSHA, suspect carcinogen per IARC.

Precautions for Safe Handling and Use

Cleanup Wipe up with wet cloth and dispose of as noted below.

Disposal Dispose of in accordance with local, state, and federal regulations.

Precautions As part of good industrial, personal hygiene, and safety practice avoid all unnecessary exposure to the substance and ensure prompt removal from skin, eyes, and clothing.

Occupational Control Measures

Eye Protection NA

Dust/Particulate Mask Yes, in excess of pel

Gloves NA

Other NA

DOT Hazard Status

Hazard Class Not Regulated

Small Quantity Exception NA

Other Exception NA

Specific Exception NA

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