

# Cadco Material Safety Data Sheet

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

10/30/2000

Emergency 805/488-1122

Information 805/488-1122

Product Name Alginate Impression Materials

Other Name Identic Dust Free, Kromafaze, Duoloid

Applicable REF 21502, 27399, 27401, 27453, 27452, 27456, 27457, 27466, 27467, 27468, 27473, 27474, 27476, 27477, 27478, 27480, 27481, 27482, 27483, 27484, 27485, 27487, 27488, 27490, 27492, 27493, 27497, 27498

MSDS Number MS206

## 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** 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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