

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071614502

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071613629 071613637 071613801 071613835 071613959 071613983 071613991 071614007 071614023 071614031  
071614197 071614361 071614403 071614411 071614429 071614486 071614494 071620400 071620418

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071613843

MSDS # 104

**CADCO Material Safety Data Sheet**

8890 Regent Street, Los Angeles, CA, USA 90034

May 16, 1988

Emergency 213-204-1200

Information 213-204-1200

**Product Name** Alginate Impression Materials**Other Name** Identic Dust Free, Identic, Heavy Bodied, Duoloid**Applicable DI #s** 7180, 7183, 7186, 7187, 7188, 7189, 7328, 7330, 7331, 7340, 7341, 7342, 7390, 7395, 7399, 7400, 7405, 7406, 7476, 7477, 7478, 7480, 7481, 7482**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**

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

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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** NA, no product ingredient listed by NTP, IARC, or OSHA.

## Precautions for Safe Handling and Use

**Cleanup**

**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

**Gloves** NA

**Dust/Particulate Mask** Yes, in excess of pel

**Other** NA

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, CADCO makes no representation as to the comprehensiveness or accuracy of the information. Individuals receiving the information will exercise their independent judgement in making decisions regarding the use of the information. Accordingly, we will not be responsible for damages of any kind resulting from the use of the information. No representations or warranties, either express or implied, are made hereunder with respect to the information refers.

MSDS Number 104

<b>HEALTH HAZARD</b> <ul style="list-style-type: none"><li><input type="checkbox"/> Deadly</li><li><input type="checkbox"/> Extreme DANGER</li><li><input type="checkbox"/> Hazardous</li><li><input type="checkbox"/> Slightly Hazardous</li><li><input checked="" type="checkbox"/> Normal Material</li></ul>	<b>FIRE HAZARD</b> Flash Points <ul style="list-style-type: none"><li><input type="checkbox"/> Below 73°F</li><li><input type="checkbox"/> Below 100°F</li><li><input type="checkbox"/> Above 100°F, Not Exceeding 200°F</li><li><input type="checkbox"/> Above 200°F</li><li><input checked="" type="checkbox"/> Will Not Burn</li></ul>
<b>PERSONAL PROTECTION</b> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Mask</li><li><input checked="" type="checkbox"/> Eye Protection</li><li><input type="checkbox"/> Gloves</li><li><input type="checkbox"/> Barrier Garment</li><li><input checked="" type="checkbox"/> Other eye station</li></ul>	<b>REACTIVITY</b> <ul style="list-style-type: none"><li><input type="checkbox"/> May Detonate</li><li><input type="checkbox"/> Shock and Heat May Detonate</li><li><input type="checkbox"/> Violent Chemical Change</li><li><input type="checkbox"/> Unstable if Heated</li><li><input checked="" type="checkbox"/> Stable</li></ul>