

ACTIO MSDS ID: 29040

Dux Dental  
Alginate Impression Materials  
Manufacturer MSDS Number: MS206

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SECTION 1 : Chemical Product and Company Identification  
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MSDS Name: Alginate Impression Materials  
Manufacturer Name: Dux Dental  
Address:  
Van R, Cadco, Clive Craig  
600 E. Hueneme Road,  
Oxnard, CA  
USA

Website: [www.duxdental.com](http://www.duxdental.com)

Business Phone: 800.833.8267  
Business Fax: 805.488.2266  
For information in North America, call: 800.833.8267  
Manufacturer MSDS Revision Date:

June 6, 2008

Trade Names:

Other Name: Identic Dust Free, Kromafaze, Duoloid

Product Codes:

REF: 21502, 21580, 21590, 27399, 27401, 27434, 27444, 27452, 27453,  
27456, 27457, 27466, 27467, 27468, 27473, 27474, 27476, 27477, 27478,  
27480, 27481, 27482, 27483, 27484, 27485, 27487, 27488, 27489, 27490,  
27492, 27493, 27497, 27498

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SECTION 2 : Hazardous Ingredients/Identity Information  
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Chemical Name

Diatomaceous Earth (may contain up to 60% crystalline silica as  
cristobalite) CAS#

14464-46-1 Percent

Not Applicable

OSHA PEL TWA: 10 mg/cubic m

ACGIH TLV TWA: 10 mg/cubic m

Chemical Name

Potassium Titanium Fluoride CAS#

16919-27-0 Percent

Not Applicable

OSHA PEL TWA: 2.5 mg/cubic m, as fluoride

ACGIH TLV TWA: 2.5 mg/cubic m, as fluoride

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SECTION 3 : Physical And Chemical Characteristics  
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Physical State/Appearance:

Dry powders of varying densities, colors, flavors, and final viscosities.

Odor:

Pleasant

Vapor Pressure:

Not Applicable

Vapor Density:

Not Applicable

Boiling Point:

Not Applicable

Melting Point:

Not Applicable

Solubility:

Water Solubility: Gel Former

Specific Gravity:

Varies w/product

Evaporation Point:

Not Applicable

FlashPoint:

Not Applicable

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SECTION 4 : Fire And Explosion Hazards  
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Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Flash Point:

Not Applicable

Extinguishing Media:

A B C

Fire Fighting Instructions:

None

Unusual Fire Hazards:

None Known

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SECTION 5 : Health Hazards  
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Applies to All Ingredients:

Potential Health Effects:

Acute Hazards: None

Eye Contact:

May cause irritation, flush area with water for 15 minutes. Call physician.

Skin Contact:

May cause irritation, flush area with water for 15 minutes. Call physician.

Inhalation:

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

Ingestion:

Not Applicable

Chronic Health Effects:

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.

Toxicological Paragraph:

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

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SECTION 6 : Emergency And First Aid Procedures  
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SECTION 7 : Reactivity Data  
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Chemical Stability:

Stable

Incompatibilities with Other Materials:

Acids

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Fluoride cmpds @ high temps

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SECTION 8 : Precautions For Safe Handling  
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Spill Cleanup Measures:

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

Handling:

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.

Waste Disposal:

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

DOT Shipping Name:

Small Quantity Exception: Not Applicable

Other Exception: Not Applicable

DOT Exception Permitted: Not Applicable

DOT Hazard Class: Not Regulated

Allergenic Ingredients: This product does not contain Latex, Peanut Products, Gluten, or Red Dye ##3

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SECTION 9 : Control Measures  
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Hand Protection Description:

Gloves: Not Applicable

Eye/Face Protection:

Not Applicable

Respiratory Protection:

Dust/Particulate Mask: Yes, in excess of pel

Other:

Not Applicable

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SECTION 10 : Other Information  
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MSDS Revision Date:

June 6, 2008

Disclaimer:

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