

## **SAFETY DATA SHEETS**

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

071613983

**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 071613991 071614007 071614023 071614031 071614197  
071614361 071614403 071614411 071614429 071614486 071614494 071614502 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

# Dux Dental Material Safety Data Sheet

Dux Dental  
600 E. Hueneme Road  
Oxnard, CA, USA

Phone: 800.833.8267  
Fax: 805.488.2266  
www.duxdental.com

11-05-12

**Product** Alginate Impression Materials

**Chemical Name** Identic Dust Free, Kromafaze, Duoloid

**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, ZD139, ZD143

**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

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

## Fire & Explosion Data

<b>Explosion</b>	Not considered to be an explosion hazard.
<b>Fire</b>	Not considered to be a fire hazard.
<b>Fire Ext. Type</b>	A B C
<b>Flashpoint</b>	NA
<b>Special Fire Procedures</b>	None
<b>Unusual Hazards</b>	None Known

## Reactivity Data

<b>Stability</b>	Stable
<b>Incompatibilities</b>	Acids
<b>Hzd Decomp Products</b>	Fluoride cmpds @ high temps
<b>Hazardous Polymerization</b>	Will not occur.

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## Health Hazard Information

<b>Ingestion</b>	NA
<b>Inhalation</b>	May cause irritation if pel is exceeded. Control dust below pel level.
<b>Skin/Eye Contact</b>	May cause irritation, flush area with water for 15 minutes. Call physician.
<b>Toxicity Data</b>	No harm via exposures of normal use; harmful only due to overwhelming dose or unusual conditions.
<b>Acute Hazards</b>	None
<b>Chronic Hazards</b>	Exposure in excess of pel can result in silicosis, a non cancerous lung disease.
<b>Carcinogenicity</b>	Crystalline silica not listed by NTP or OSHA, suspect carcinogen per IARC.

## Precautions for Safe Handling and Use

<b>Cleanup</b>	Wipe up with wet cloth and dispose of as noted below.
<b>Disposal</b>	Dispose of in accordance with local, state, and federal regulations.
<b>Precautions</b>	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

<b>Eye Protection</b>	NA
<b>Gloves</b>	NA
<b>Dust/Particulate Mask</b>	Yes, in excess of pel
<b>Other</b>	NA

## Additional Information

<b>DOT Hazard Class</b>	Not Regulated
<b>DOT Small Qty Exception</b>	NA
<b>DOT Other Exception</b>	NA
<b>DOT Exception Permitted</b>	NA
<b>Allergenic Ingredients</b>	This product does not contain Latex, Peanut Products, Gluten, or Red Dye #3.

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, the company makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.