

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

Product Alginate Impression Materials

Other 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

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

Fire & Explosion Data

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

Reactivity Data

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

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Health Hazard Information

Ingestion NA

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

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

Gloves NA

Dust/Particulate Mask Yes, in excess of pel

Other NA

Additional Information

DOT Hazard Class Not Regulated

DOT Small Qty Exception NA

DOT Other Exception NA

DOT Exception Permitted NA

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

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