

# Dux Dental Material Safety Data Sheet

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**Product** Gingibraid, Gingicord, Gingiknit, & Unibraid Epinephrine / Alum  
**Other Name** Racemic Epinephrine & Aluminum Potassium Sulfate Gingival Retraction Cords  
**REF** 13021, 13022, 13023, 13170, 13171, 13172, 13173, 13370, 13371, 13372, 13373, 13375, 13376, 13377, 13378

**MSDS Number** MS112

## Hazardous Ingredients

Principal Hazardous Components	pel / tlv	CAS Number	Percentage
Racemic Epinephrine HCl (a sympathomimetic)	NA	51-42-3	0.1 - 1.2 mg / inch

## Physical and Chemical Characteristics

<b>Appearance</b>	Small cords of variable constructions impregnated w/ Epinephrine & Alum.
<b>Boiling Point</b>	NA
<b>Melting Point</b>	NA
<b>Vapor Pressure</b>	NA
<b>Evaporation Rate</b>	NA
<b>Odor</b>	None
<b>Vapor Density</b>	NA
<b>Specific Gravity</b>	NA
<b>Water Solubility</b>	Yes (Epi & Alum)

## 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>Flashpoint</b>	NA
<b>Special Fire Procedures</b>	None
<b>Unusual Hazards</b>	None Known

## Reactivity Data

<b>Stability</b>	Stable
<b>Incompatibilities</b>	Iron salts, metals.
<b>Hzd Decomp Products</b>	Oxides of Sulfur and Carbon.
<b>Hazardous Polymerization</b>	Will not occur.

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## Health Hazard Information

**Ingestion** May cause irritation, induce vomiting, give CPR, consult physician.  
**Inhalation** Dust may cause irritation.  
**Skin/Eye Contact** Dust may cause irritation. Flush area w/ water if exposed.  
**Toxicity Data** No harm via exposures of normal use; harmful only due to overwhelming dose or unusual conditions. Epinephrine can cause death in sufficient doses. LD 50 (ip, mice) 4 mg / kg.  
**Acute Hazards** Eye, skin, or respiratory tract irritation.  
**Chronic Hazards** Possible hypersensitization (epinephrine only).  
**Carcinogenicity** NA, no product ingredient listed by NTP, IARC, or OSHA.

## Precautions for Safe Handling and Use

**Cleanup** NA  
**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** NA  
**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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