

**Van R Material Safety Data Sheet**

600 E. Hueneme Road, Oxnard, CA 93033-8600 USA

Emergency 805/488-1122

Information 805/488-1122

**Product Name** Gingibraid, Gingicord, Gingiknit, Flexbraid, & Unibraid Epinephrine / Alum  
**Other Name** Racemic Epinephrine & Aluminum Potassium Sulfate Gingival Retraction Cords  
**Applicable DI #s** 13021, 13022, 13023, 13170, 13171, 13172, 13173, 13281, 13282, 13283, 13518, 13519, 13520, 13521, 13522, 13523, 13570, 13571, 13572, 13573

**MSDS Number MS112****Hazardous Ingredients**

Principal Hazardous Components	PEL / TLV	CAS Number	Percentage
<b>Racemic Epinephrine HCl (a sympathomimetic)</b>	<b>NA</b>	<b>51-42-3</b>	<b>0.1 - 1.2 mg / inch</b>

**Physical and Chemical Characteristics**

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

**Fire and Explosion Data**

<b>Flammable Limits</b>	<b>Not considered to be a fire hazard.</b>		
<b>Explosive Limits</b>	<b>Not considered to be an explosion hazard.</b>		
<b>Extinguisher Media</b>	<b>A</b>	<b>Special Fire Fighting Procedures</b>	<b>None</b>
<b>Flashpoint</b>	<b>NA</b>	<b>Unusual Hazards</b>	<b>None Known</b>

**Reactivity Data**

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

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**Health Hazard Information**

**Inhalation** Dust may cause irritation.  
**Ingestion** May cause irritation, induce vomiting, give CPR, consult physician.  
**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 **Dust/Particulate Mask** NA  
**Gloves** NA **Other** NA

**DOT Hazard Status**

**Hazard Class** Not Regulated  
**Small Quantity Exception**  
**Other Exception**  
**Specific Exception**

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Van R 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.