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MATERIAL SAFETY DATA SHEET

MILES

MANUFACTURER MILES INC. DENTAL PRODUCTS
4315 S. Lafayette Blvd.
South Bend, IN 46614
Emergency: 1-219-264-8400

HMIS Code

HEALTH	0
FIRE	0
REACTIVITY	0
PERS. PROT.	0

SECTION 1 - IDENTITY

Common Name: (used on label) (Trade Name & Synonyms) [redacted]

Product Code 56030

Chemical Name Dental Impression Material

Chemical Family Agar Based Hydrocolloid

Formula Agar Based Impression Material

CAS No. None

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components (chemical & common names)		Hazard	TLV (units)	LD_{50}
Potassium Hydroxide Solution (45%)	5%		$2mg/M^3$	
Titanium Dioxide	5%		$10mg/M^3$	79g/kg

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point 212°F

Specific Gravity (H_2O = 1) Not available

Vapor Pressure (mm H_g) Not available

Percent Volatile by Volume (%) Not available

Vapor Density (Air = 1) Not available

Evaporation Rate = 1) Not available

Solubility in Water Not available

Reactivity in Water/Air Not available

Appearance and Odor Opaque red gel; Oil of cloves flavor.

Flash Point Non-flammable

Flammable Limits IN Air % by Volume Lower Not available Upper

Auto-Ignition Temperature Not available

Extinguisher Media H_2O, CO_2, Dry Chemical

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards None

SECTION 4 - PHYSICAL HAZARDS

Stability Unstable ☐ Stable ☒ Conditions to Avoid None

Incompatability (Materials to Avoid) None

Hazardous Decomposition Products None

Hazardous Polymerization May Occur ☐ Will Not Occur ☒ Conditions to Avoid None