

MATERIAL SAFETY DATA SHEET

50

HMIS Code



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

| | |
|-------------|---|
| HEALTH | 0 |
| FIRE | 0 |
| REACTIVITY | 0 |
| PERS. PROT. | 0 |

SECTION 1 - IDENTITY

Common Name: (used on label) _____ Product Code 56031
 (Trade Name & Synonyms) _____
 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 (H₂O = 1) Not available Vapor Pressure (mm Hg) 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 white gel; Oil of cloves flavor.
 Flash Point Non-flammable Flammable Limits Lower Not available Upper Not available Auto-ignition Temperature Not available
 Extinguisher Media H₂O, CO₂, Dry Chemical
 Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards None

SECTION 4 - PHYSICAL HAZARDS

Stability Unstable Conditions to Avoid
 Stable None
 Incompatibility (Materials to Avoid) None
 Hazardous Decomposition Products None
 Hazardous Polymerization May Occur Conditions to Avoid
 Will Not Occur None

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SECTION 1 - IDENTITY

Common Name: (used on label) XXXXXXXXXXXXXXXXXXXX Product Code 56029
(Trade Name & Synonyms)
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% | Corrosive | 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 (H₂O = 1) Not available Vapor Pressure (mm Hg) 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 Odor Opaque yellow gel; Lemon-Lime Flavor

Flash Point Non-flammable Flammable Limits Lower Upper Auto-ignition Temperature Not available
IN Air % by Volume Not available

Extinguisher Media H₂O, CO₂, Dry Chemical

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards None

SECTION 4 - PHYSICAL HAZARDS

Stability Unstable Conditions to Avoid None
Stable

Incompatibility (Materials to Avoid) None

Hazardous Decomposition Products None

Polymerization May Occur Conditions to Avoid None
Will Not Occur