



MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

COMPANY NAME: Miles Dental Products

ADDRESS: 4315 S. Lafayette | Tel No: (219)291-0661
 South Bend, Indiana 46614 | Nights: (219)264-8400

PRODUCT NAME: Surgident Regular Body Hydrocolloid, Universal, Heavy Body, Heavy Body II, Red Syringe Material, White Syringe Material, Yellow Syringe Material

PRODUCT NO(S): 56012, 56013, 56023, 56024, 56025, 56035, 56033, 56489, 56488, 56032, 56020, 56030, 56021, 56031, 56019, 56029

Synonyms: Agar Based Hydrocolloid

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	CAS#	HAZARD	%By Wt.	TLV	PEL
Titanium Dioxide (total dust)	13463-67-6	Dust nuisance	0-0.15%	10mg/m ³	10mg/m ³
Potassium Hydroxide (ceiling)	1310-58-3	Irritant	0-1.5%	2mg/m ³	2mg/m ³

III - PHYSICAL DATA (NA = Not Applicable) (ND = Not determined)

Vapor Pressure, mm Hg: Not available	Vapor Density (Air = 1): NA
Evaporation Rate (ether = 1): NA	% Volatile by volume: ND
Solubility in H ₂ O: Insoluble	pH: 6-7
Boiling Point: 212°F	Appearance: Gel of various colors
Specific Gravity (H ₂ O = 1): Not determined	Odor: Varies per product

IV - FIRE AND EXPLOSION

Flash point: NA | Flammable Limits: Not available

Extinguishing Media: H₂O, CO₂, Dry Chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

V - REACTIVITY DATA

Stability: Unstable [] Conditions to avoid
 Stable [X] None

Incompatibility:
 (Materials to avoid) None

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur [] Conditions to avoid
 Will Not Occur [X] None

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REGULAR BODY HYDROCOLLOID, UNIVERSAL, HEAVY BODY, RED SYRINGE MATERIAL, WHITE SYRINGE MATERIAL, YELLOW SYRINGE MATERIAL

VI. HEALTH HAZARDS

OSHA Permissible Exposure Limit: None

ACGIH Threshold Exposure Limit: None

Other Exposure Limit Used: None

A. Acute Overexposure: Hot Hydrocolloid may burn skin.

B. Chronic, Other: Not known

Medical conditions generally aggravated by exposure: None known

Primary Route(s) of Exposure: Skin, ingestion

Hygienic Practices: None

Chemical Listed As Carcinogen

or potential carcinogen: Not listed by IARC, NTP

VII - EMERGENCY AND FIRST AID PROCEDURES

Skin: If material causes a burn, treat as any other burn.

Ingestion: Consult physician.

VIII - SPILL OR LEAK PROCEDURES

Spill Management: Allow materials to solidify. Sweep up for proper disposal.

Waste Disposal Methods: This material can be disposed of as normal solid waste. Observe local, state and federal regulations.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: None

Eye Protection: None

Gloves: None

Other Clothing and Equipment: None

Ventilation: None

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: None

XI - ADDITIONAL INFORMATION

Prepared By: Cheryl V. Zimmerman
Supersedes MSDS Dated: 10-24-90

Date: 2-26-93

The opinions expressed herein are those of qualified experts within Miles Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Miles Inc., it is the users obligation to determine the conditions of safe use of the product.