

Material Safety Data Sheet

This information herein is given in good faith, but no warranty expressed or implied is made. Consult American Dental Systems for further information.

Distributor: American Dental Systems GmbH Johann-Sebastian-Bach-Straße 42 D-85591 Vaterstetten

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In Case of Emergency: Contact distributor in Germany

1.

Product Identification: Systolloid Universal Hydrocolloid

Chemical name: Dental Impression material reversible hydrocolloid

Trade Name: Systolloid. Chemical family: Agar-agar.

Various color available with the following Item number identification:

#1142500 (green) 1155200 (orange) 1155400 (green stick) 1155100 (pink)

Compounding process: Proprietary

Hazardous Constituents: General Reactivity: Stable.

Constituent	Percent	CAS Number	NIOSH	RTECS #	OSHA PEL ACGIH TLV
Water	qs to 100%	7789-20-0			
Agar	10 to 12%	9002-18-0			
Potassium sulfate	2%	7778-80-5			
Methylparaben	.1 to .15%	99-76-3			
Peppermint flavoring	.5%	n/a			
manufacturers proprietary formula intended for food and pharmaceuticals					
Pigments	total less than	1%			
FD&C Red #40 lake		68583-95-9			
FD&C Blue #1 lake		68921-42-6			
FD&C Yellow #5 lake		12225-21-7			
Titanium Dioxide (TiO ₂)		98084-96-9			

incompatibility (materials to avoid): N/A

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MSDS Page 2 of 4

111. Physical Data:

Freezing Point: 0°C Vapor Pressure (mmHg): N/A

Melting Point: 90-95°C

Boiling Point: 100°C

Specific Gravity (H₂O=1): N/A Solubility In Water: N/A

Evaporation Rate: N/A % Volatiles By Volume: N/A

Appearance and Odor: Aromatic reversible solid

Vapor Density (AIR=1): N/A

Sublimes: N/A

IV. Fire, Explosion and Reactivity information 1 Flash Point: N/A Flammable (Explosive) Limits VIV LEL:
N/A UEL: N/A

~extinguishing Media Water or foam

Unusual fire and explosion hazards: Heated, liquid material retains heat. CAUTION- handling may cause burn.

Hazardous decomposition Products: N/A

Health and Hazard information

Primary Routes of Exposure

Inhalation: None

Ingestion: None

Skin: Avoid contact material at high temperatures

Eyes: None Toxicity: Non Toxic

MSDS Page 3 of 4

Effects of Overexposure

Acute: Handling of material at high temperatures may cause burns.

Chronic: None

Carcinogenic: None

References

Medical Conditions Aggravated by Exposure: None

VI. Emergency and First aid Procedures

Inhalation Clear passages

Ingestion Do not induce vomiting. Consult physician.

Skin Treat as scalding water burn. Seek medical attention

Eyes Flush with fresh water. Seek medical attention

VII. industrial Hygiene Control Measures

Ventilation N/A

Respiratory Protection N/A

Protective Gloves N/A

Eye Protection N/A

Medical Surveillance N/A

VIII. Environmental Protection Information

Steps to be taken if material is released or spilled:

Sweep up and dispose of properly

MSDS Page 4 of 4

Waste Disposal Method.

Dispose of all wastes in accordance with Federal, State, and Local Regulations

Environmental Hazards NIA

IX. Special Precautions

Storage Precautions DO NOT FREEZE.

Precautions

X. DOT Shipping Requirements

Shipping Name None

identification Number None

Hazard Class None

Labels Required None

Product Hazard Warning Label

Caution: DO NOT boil with needle attached !

Used needles should be discarded.

Precaution: DO NOT FREEZE, freezing may cause constituent water to separate out and alter the performance of material.

COMMENTS: This product contains Methylparaben.