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431

MATERIAL SAFETY DATA SHEET

HMIS Code



MILES INC. DENTAL PRODUCTS
4315 S. Lafayette Blvd.
South Bend, In. 46614
Phone: (219) 291-0661
Emergency: 1-800-343-5336

HEALTH	1
FIRE	0
REACTIVITY	0
PERS. PROT.	

SECTION 1 - IDENTITY

Common Name: (used on label)	Lab Plaster	Product Code	48482
(Trade Name & Synonyms)			
Chemical Name	Dental Plasters	Chemical Family	Gypsum (Calcium Sulfate)
Formula	CA SO ₄	CAS No.	10101-41-4

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components (chemical & common names)	Hazard	TLV (units)
None		

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

Boiling Point	Not required	Specific Gravity (H ₂ O = 1)	2.3	Vapor Pressure (mm Hg)	None
Percent Volatile by Volume (%)	None	Vapor Density (Air = 1)	None	Evaporation Rate (= 1)	None
Solubility in Water	Slight	Reactivity in Water/Air	Material sets to form a solid		
Appearance and Odor	Fine Powder in a wide variety of colors				

Flash Point	None	Flammable Limits IN Air % by Volume	Lower: None Upper:	Auto-ignition Temperature	None
Extinguisher Media	Water, CO ₂	Dry Chemical Foam			
Special Fire Fighting Procedures	None				

Unusual Fire and Explosion Hazards: None

SECTION 4 - PHYSICAL HAZARDS

Stability: Unstable Stable Conditions to Avoid: When material contacts moisture it will set.

Incompatibility (Materials to Avoid): None

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur Will Not Occur Conditions to Avoid:

MANKATO TECHNICAL INST
1920 LEE BLVD 1920
N MANKATO, MN 56003-2508

=== MSDS TRACKING INFORMATION ===
MID: 1057449 LAB PLASTER
PID: 5690180 CUST: 0186998-001
IMG: I:57449 1 PAGE: 1 of 2
PACKET: 84550-4025

SECTION 5 - HEALTH HAZARDS

SHA Permissible Exposure Limit	None	ACGIH Threshold Limit Value	50 mppcf	Other Exposure Limit Used	None
Signs and Symptoms of Exposure	None	1. Acute Overexposure	None		
2. Chronic Overexposure	Prolonged exposure may cause lung disease.				
Medical Conditions Generally Aggravated by Exposure	All respiratory diseases.				
Primary Route(s) of Exposure	Inhalation of Dust				
Emergency and First Aid Procedures	Remove individual to an area of fresh air				
Hygienic Practices	Wear a mask while exposed to dusts.				
Chemical Listed As Carcinogen or Potential Carcinogen	Not listed				

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Any approved respirator for nuisance dust (3M #8710 Respirator)		
Ventilation	None	Work Practices	None
Protective Gloves	None	Eye Protection	Take precaution to avoid nuisance dust.
Other Protective Clothing or Equipment	None		

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken	Avoid contact with moisture. Keep in sealed container.		
Handling and Storage			
Steps to be Taken in Case Material is Released or Spilled	Sweep spills, Avoid excessive dusting		
Waste Disposal Methods	Any approved solid waste disposal method		

SECTION 8 - ADDITIONAL INFORMATION

None			
Signature of Person Responsible for Preparation	<i>John S. Faurdeh</i>	Date Prepared	June 8, 1987
Telephone No.	314-241-2988	Date Revised	Nov. 4, 1987

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 user's obligation to determine the conditions of safe use of the product.

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