

Material Safety Data Sheet

U.S. Department of Labor



May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) REPLICA ALGINATE IMPRESSION MATERIAL	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name MATECH, INC.	Emergency Telephone Number (818) 367-2472
Address (Number, Street, City, State, and ZIP Code) 13000 SAN FERNANDO ROAD	Telephone Number for Information (818) 367-2472
SYLMAR, CA 91342	Date Prepared 01-01-14
	Signature of Preparer (optional) WINSTON TSAI

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
DIATOMACIOUS EARTH	1.2 mg/m ³	10 mg/m ³	6 mg/m ³	-----
HYDROUS CALCIUM SULFATE	NONE	NONE	NONE	-----
TETRASODIUM PYROPHOSPHATE	5. mg/m ³	5 mg/m ³	-----	-----
POTASSIUM ALGINATE	-----	-----	-----	-----
POTASSIUM TITANIUM FLUORIDE	2.5 mg/m ³	2.5 mg/m ³	-----	-----

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	0.3 g/cm
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	PARTIALLY		
Appearance and Odor	DRY FLUFFY POWDER WITH MINT, CHERRY OR BUBBLEGUM FLAVOR; MAY BE TINTED.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits N/A	LEL	UEL
			-	-
Extinguishing Media	N/A			
Special Fire Fighting Procedures	N/A			
Unusual Fire and Explosion Hazards : USE COMMON WITH MOST ORGANIC MATERIALS, THIS PRODUCT SHOULD BE TREATED AS COMBUSTIBLE DUST IN THIS FINELY DIVIDED AND SUSPENDED STATE.				

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) N/A			
Hazardous Decomposition or Byproducts NONE. WILL SOLIDIFY IF CONTACTED BY WATER			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

EFFECT OF OVEREXPOSURE INHALATION: Avoid inhalation of excessive dust.

SKIN & EYE IRRITATION: May cause dryness and/or irritation.

EMERGENCY AND FIRST AID: flush eyes with water for 15 minutes. Wash skin.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled VACUUM: AVOID CREATING DUST. DO NOT WASH DOWN DRAINS, AS MATERIAL WILL PLUG DRAINS.
Waste Disposal Method NO SPECIAL METHOD
Precautions to Be taken in Handling and Storing STORE IN DRY AREA
Other Precautions MINIMIZE DUST AT ALL TIMES

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		
Ventilation	Local Exhaust X	Special -
	Mechanical (<i>General</i>) -	Other -
Protective Gloves	Eye Protection SAFETY GLASSES WHEN EXPOSED TO DUST	
Other Protective Clothing or Equipment OPTIONAL		
Work/Hygienic Practices AVOID CREATING AND BREATHING DUST		