

MATERIAL SAFETY DATA SHEET

American Tooth Industries

Justi, Pozzi & Regal Dental Products Divisions

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OSHA HAZARDOUS

MATERIAL Alginate	CODE	KEY	TRADE NAME ALGINMAX
	DATE ISSUED	04/28/85	
FORMULA N/A	CHEMICAL NAME OR SYNONYMS		

I - COMPOSITIONAL INFORMATION

	CAS -N-	%	APPROX. WT (%)	TWA/TLV
SODIUM ALGINATE	9005-38-3	16		N/A
SODIUM PHOSPHATE	7722-88-5	2		
MAGNESIUM OXIDE	1309-48-4	9		
MAGNESIUM CARBONATE	39409-82-0	6		
CALCIUM SULFATE	10101-41-4	11		
POTASSIUM FLUORIDE		2		
DIATOMACEOUS EARTH		52		

II - PHYSICAL PROPERTY INFORMATION

APPEARANCE - ODOR - pH. FINE POWDER - SPEARMINT - VANILLA			VISCOSITY N/A
MELTING OR FREEZING POINT N/A	BOILING POINT N/A	VAPOR PRESSURE (mm Hg) N/A	VAPOR DENSITY (Air=1) 0.4
SOLUBILITY IN WATER NEGLIGEABLE	% VOLATILE (By Weight)	SPECIFIC GRAVITY (Water=1)	EVAP.RATE (Butyl Acetate=1)

III - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT N/A	AUTO IGNITION TEMPERATURE	LOWER EXPLOSION LIMIT (%)	UPPER EXPLOSION LIMIT (%)
EXTINGUISH MEDIA XX FOAM	ALCOHOL FOAM	CO2	DRY X CHEMICAL
WATER XX SPRAY OTHER			
SPECIAL FIRE FIGHTING PROCEDURE TREAT AS A CLASS A FIRE			
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE			

IV - HEALTH HAZARD INFORMATION

RECOMMENDED WORK PLACE EXPOSURE LIMITS	
EFFECTS OF OVEREXPOSURE - AVOID DUST FORMATION. IF IT DOES SO OCCUR GO OUT TO FRESH AIR. - -	
EMERGENCY AND FIRST AID PROCEDURES EYE: FLUSH WITH WATER. SKIN: WASH WITH WATER AND SOAP. INCEGESTION: DRINK A LOT OF WATER. IF NAUSEA PERSIST SEE A PHYSICIAN.	

V - REACTIVITY INFORMATION

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID
HAZARDOUS DECOMPOSITION PRODUCTS Carbon Monoxide	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID DIRECT FLAME
INCOMPATIBILITY (MATERIALS TO AVOID) <input type="checkbox"/> WATER <input type="checkbox"/> OTHER	

VI - SPILL OR LEAK PROCEDURE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
SWEEP FLOOR TO AVOID SLIPPERY SITUATIONS.
DISPOSE IN REGULAR GARBAGE DISPOSAL.

WASTE DISPOSAL METHOD
HANDLE LIKE ANY DUST OR DIRT.

VII - SPECIAL PROTECTION INFORMATION

VENTILATION TYPE

NOT NECESSARY.

RESPIRATORY PROTECTION

USE REGULAR MASK IF EXPOSED FOR MANY HOURS.

PROTECTIVE GLOVES

NOT NECESSARY

EYE PROTECTION

USE REGULAR GOGGLES

OTHER PROTECTIVE EQUIPMENT

NOT NECESSARY

VIII - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE

INDOOR

HEATED

REFRIGERATED

OUTDOOR

XXX

KEEP IN A COOL PLACE. OPEN CONTAINER CAN CAUSE CONTAMINATION.

IX - TOXICITY INFORMATION

NONE

X - MISCELLANEOUS INFORMATION

AVOID FORMATION OF DUST WHEN USING PRODUCTS.

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