

# MATERIAL SAFETY DATA SHEET

American Tooth Industries

Justi, Pozzi & Regal Dental Products Divisions

1200 Stellar Drive - Oxnard, CA 93033-2404 - (805) 487-9868

OSHA HAZARDOUS

MATERIAL Alginate	CODE	KEY	TRADE NAME <b>ALGINMAX</b>
	DATE ISSUED	10/15/2007	
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	X CHEMICAL
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. INGESTION: DRINK A LOT OF WATER. IF NAUSEA PERSISTS SEE A PHYSICIAN.

### V - REACTIVITY INFORMATION

STABILITY _X_ STABLE _____ UNSTABLE	CONDITIONS TO AVOID
HAZARDOUS DECOMPOSITION PRODUCTS Carbon Monoxide	
HAZARDOUS POLYMERIZATION ____ MAY OCCUR _XX_ WILL NOT OCCUR	CONDITIONS TO AVOID DIRECT FLAME
INCOMPATIBILITY (MATERIALS TO AVOID) ____ WATER _____ 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
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### X - MISCELLANEOUS INFORMATION

AVOID FORMATION OF DUST WHEN USING PRODUCTS.
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