



AMERICAN TOOTH INDUSTRIES


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SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	ALGINMAX
Product Description	Dental impression material
Manufacturer	American Tooth Industries 1200 Stellar Drive Oxnard, CA 93033 805-487-9868 Emergency Phone Number: Infotrac: 800-352-5053
Recommended use	Alginate without dust for dental use
Restrictions on use	No use advised against

2. HAZARDS IDENTIFICATION

Hazard classification	Hazard classification and indication: Specific target organ toxicity - repeated exposure, category 2 H373 May cause damage to organs through prolonged or repeated exposure.
Signal Word	Warning
Hazard Statements	H373 May cause damage to lungs through prolonged or repeated exposure via inhalation.
Symbol	
Precautionary statements	P260 Do not breathe dust. P270 Do not eat, drink or smoke when using this product. P314 Get medical advice / attention if you feel unwell. Contains: Kieselguhr, soda ash flux-calcined

3. COMPOSITION/INFORMATION ON INGREDIENTS

Statement for unknown toxicity

N/A

Chemical Name	Weight -%	CAS Number
Cristobalite	15-20	14464-46-1
Diatomaceous earth	40-50	68855-54-9
Potassium fluortitanate	2-3	240-969-9
Tetrasodium pyrophosphate	0.5-1	231-767-1
Trisodium phosphate	1-2	760154-9

*Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

4. FIRST AID MEASURES

Eye contact: Wash eye with water for at least 15 minutes. Seek medical advice.

Skin contact: Wash immediately with plenty of water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If breathing is irregular, seek medical advice.

Ingestion: Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, powder and nebulized water.

Extinguishing media not to be used: None

Special exposure hazards: No known significant effects or critical hazards.

Other information: Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable gloves and eye/face protection.

Environmental protection precautions: Avoid release to the environment.

Methods for cleaning: Avoid creating dusty conditions and prevent wind dispersal. Wear appropriate respiratory protection. Use a shovel to transfer the material to a convenient waste disposal container.

7. HANDLING AND STORAGE

Handling: Avoid dust formation.

Storage: Keep away from heat, in a cool and dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Ingredient name Occupational exposure limits No exposure limit value known

Respiratory protection: If the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear an FFP3 (ref. standard EN 141) type half mask. The use of breathing protection equipment, such as masks with organic vapor and dust/mist cartridges, is necessary in the absence of technical measures limiting worker exposure. In the event of prolonged worker exposure, verify the possibility of operating in a closed circuit or of reorganizing the work cycle to avoid repetitive exposure; make sure the PPE used is as efficient as possible.

Hand protection: Protect hands with category I (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in latex, PVC or equivalent.

Eye protection: Use of protective airtight goggles (ref. standard EN 166) recommended.

Skin protection: Wear category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.

Environmental exposure controls: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder

Color: Light blue

Odor: Vanilla-peppermint

Solubility: Partially soluble in water

Viscosity: Not available

Vapor density: Not available

Evaporation rate: Not available

Reactive properties: Not available

Partition coefficient: octanol/water: Not available

pH: Not available

Boiling point: Not available

Flash point: Not available

Vapor pressure: Not available

Density: 0,2-0,5 g/cm³

10. STABILITY AND REACTIVITY

Chemical stability: The product is stable

Hazardous reactions: None

Conditions to avoid: None

Materials to avoid: None

Hazardous decomposition products:

None

11. TOXICOLOGICAL INFORMATION

Acute health effects:

Inhalation: The product contains no relevant dust particles.

Ingestion: No known significant effects or critical hazards.

Skin contact: Non-irritating

Eye contact: May irritate eyes

Chronical health effects:

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION (If available)

Ecotoxicity Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS (If applicable)

Methods of disposal Recycle if possible. Do not empty into drains. Dispose to an approved landfill or a waste incineration plant. Observe all local, state and environmental regulations. Product after patient contact is considered an hazardous waste as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION (If applicable)

N/A

15. REGULATORY INFORMATION (If available)

N/A

16. OTHER INFORMATION

N/A

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