

MATERIAL SAFETY DATA SHEET
CHROMATIC DENTAL ALGINATE
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CHROMATIC DENTAL ALGINATE

1. Identification:

Adelaide Moulding & Casting Supplies

7 Woodlands Terrace, EDWARDSTOWN 5039

Ph/Fax: (08) 8294 0458

E-mail: sales@amcsupplies.com.au

Product Safety : (mobile) 0418 804 843

Product code: A8020

2. Composition:

Chemical Characterization:

Sodium Alginate CAS Reg.No.9005-38-3

Sodium Phosphate CAS Reg.No.7722-88-5

Magnesium Oxide CAS Reg.No.1309-48-4

Magnesium Carbonate CAS Reg.No.39409-82-0

Calcium Sulfate CAS Reg.No.10101-41-4

Potassium Titanium Fluoride CAS

Reg.No.16919-27-0

Diatomaceous Earth CAS Reg.No.61790-53-2

Form: Dust Free Powders

3. Hazards Identification:

Principal Hazard: Caused by dust generation. Do not breath in alginate dust. Use of a mask to avoid exposure is recommended.

TLV - TWA: 0.1mg/m3

4. First-Aid Measures:

Eyes: Flush with clean water.

Skin: Wash in running water and mild soap.

Inhalation: Remove to fresh air.

Ingestion: Drink large amount of water.

5. Fire Fighting Measures:

Flash Point: N A

Ignition Temperature: N A

Extinguishing Media Suitable: Water, Foam, Treat as class A fire.

Not to be used: --

Special Exposure Hazards: None

6. Accidental release Measures:

Collect in containers for disposal using approved dust respirator if needed. Material may be disposed of in compliance with local regulation. Sweep up without water to avoid slipping hazard.

7. Handling and Storage:

Handling: Avoid dust accumulation.

Storage: Store in original container in a cool dry place.

8. Exposure Controls and Personal Protection:

Personal Protective Equipment:

Respiratory Protection: Use of a mask to avoid exposure is recommended. Use in a well ventilated area.

Hand Protection: None

Eye Protection: None if used as directed.

Goggles if dust occurs.

Industrial Hygiene: None

9. Physical and Chemical Properties:

Appearance: Fine powder

Odour: Vanilla

pH Value: N A

Solubility in Water: In contact with water it starts to gel.

Viscosity: N A

Density: 0,4g/cm3

Flash Point: N A

Auto Flammability: N A

10. Stability and Reactivity:

Thermal Decomposition: Will burn when in contact with flame.

Hazardous Decomposition Products: None

Hazardous Reactions: Will not occur.

11. Toxicological Information:

The product presents no toxic hazard when used properly and in accordance with manufacturer instructions. Avoid breathing dust.

12. Ecological Information:

Solubility in Water: In contact with water it starts to gel.

Biodegradability: Material is not biodegradable.

Environmental Hazard: For used product: No environmental hazard known.

13. Disposal Considerations:

Dispose conforming to local law. Product and packing materials are not listed in the Hazardous Waste Inventory as per CD 91/689/EEC 1 (4). Patient-contacted materials are at infection risk even for disposal purposes (EU Hazardous Waste Inventory No.180103).

14. Transport Considerations:

The product does not fall under the transportation classification for dangerous substances.

15. Regulatory Information:

Risk Phrases: NA

Safety Phrases: NA

Hazard Symbols: NA

16. Additional Information:

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied.

This information is not compiled according to EC Directives 91/155/EEC, 93/112/EEC.

The information contained does not constitute the users own assessment of workplace risks as required by other Health and Safety legislation.

No claim is made for completeness and all applicable laws and regulations have to be considered.