

# CHROMATIC ALGINATE MATERIAL HEALTH AND SAFETY DATA SHEET

## IDENTIFICATION OF THE COMPANY

Company Name:

MB Fibreglass

Unit 17 & 20 Abbey Business Park

Mill Road, Newtownabbey

BT36 7EE

Tel: 028 90 861992

## 1- IDENTITY

- 1.1. PRODUCT NAME: CHROMATIC ALGINATE  
1.2. CLASSIFICATION NAME: DENTAL IMPRESSION MATERIAL  
1.3. COMMON NAME: ALGINATE
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## 2- CHEMICAL IDENTITY

### 2.1. COMPONENTS:

SODIUM ALGINATE  
DIATOMACEOUS EARTH  
CALCIUM SALTS  
POTASSIUM SALTS  
PHOSPHATOR SALTS  
CHROMATIC INDICATOR

### 2.2. HAZARDOUS COMPONENTS: NONE

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## 3-HEALTH AND ENVIRONMENT HAZARD DATA

NO HEALTH OR ENVIRONMENTAL HAZARDS WHEN THE MATERIAL IS HANDLED IN ACCORDANCE WITH OFFICIAL REGULATIONS.

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## 4- EMERGENCY AND FIRST AID PROCEDURES

- 4.1 IN CASE OF CONTACT WITH EYES: NONE  
4.2 IN CASE OF CONTACT WITH SKIN: NONE  
4.3 IN CASE OF INHALATION: NONE  
4.4 IN CASE OF INGESTION: NONE
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## 5- FIRE FIGHTING PROCEDURES

- 5.1. FIRE EXPLOSION HAZARDS: KEEP AWAY FROM OPEN FLAME  
5.2. EXTINGUISHING MEDIA: ANY APPLICABLE TO PRIMARY CAUSE OF FIRE
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## 6- STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED

- 6.1. PERSONAL PROTECTION: NONE

6.2. PROTECTION OF ENVIRONMENT: BIODEGRADABLE. COLLECT & DISPOSE OF WITH DOMESTIC WASTE

6.3. CLEANING METHODS: ADSORB SPILL MECHANICALLY. PLACE IN INDUSTRIAL OR DOMESTIC WASTE. FLOOR AND TOOLS CONTAMINATED WITH SPILLED MATERIAL SHOULD BE FLUSHED WITH PLENTY OF WATER.

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#### 7-HANDLING AND STORING

7.1- HANDLING: HANDLING PROCEDURES AS PER INSTRUCTIONS TO PREVENT WATER POLLUTION.

7.2. STORING: STORE IN DRY PLACE AT A MAXIMUM TEMPERATURE OF + 25°C.

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#### 8. PRECAUTION FOR SALE USE.

8.1. TECHNICAL PRECAUTION: NONE

8.2. PERSONAL PROTECTION:

- a) RESPIRATORY PROTECTION: NONE
  - b) PROTECTIVE GLOVES: NONE
  - c) EYE PROTECTION: NONE
  - d) SKIN PROTECTION: NONE
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#### 9- PHYSICAL/CHEMICAL CHARACTERISTICS

9.1. APPEARANCE: WHITE POWDER

9.2. ODOUR: SPEARMINT

9.3. PH: 8

9.4: BOLLING POINT: NOT VOLATILE

9.5. MELTING POINT: N.A.

9.6. FLASH POINT: N.A.

9.7. FLAMMABILITY: N.A.

9.8 EXPLOSIVE CHARACTERISTICS: N.A.

9.9. FIRE DATA: N.A.

9.10 VAPOUR PRESSURE: N.A.

9.11. RELATIVE DENSITY: N.A.

9.12 SOLUBILITY IN WATER: INSOLUBLE

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#### 10-STABILITY AND REACTIVITY

10.1. CONDITION TO AVOID: NONE

10.2. MATERIALS TO AVOID: NONE

10.3. HAZARDOUS DECOMPOSITION OR BYE PRODUCTS: NONE

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#### 11- TOXICOLOGICAL DATA

NO DANGEROUS AFFECTS HAVE BEEN REPORTED OVER MANY YEARS OF PRACTICAL EXPERIENCE WITH THE EXERCISE OF GOOD HYGIENE IN RELATION TO THE APPLICATION.

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#### 12- ECOLOGICAL DATA

NO ADVERSE AFFECTS ON WATER PURIFICATION PLANTS, PROVIDED THAT THE MATERIAL IS USED IN ACCORDANCE WITH INTRUCTIONS: REMOVAL OF WASTE THROUGH FILTRATION. DISPOSAL OF WASTE IN MUNICIPAL WASTE DUMPS

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13-WASTE DISPOSAL METHOD

DISCHARGE IN SUITABLE LANDFILL SITE OR INCENERATE.

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14- TRANSPORT

14.1. CARRIAGE BY LAND: NO RESTRICTIONS

14.2. CARRIAGE BY SEA: NO RESCTRCTIONS

14.3. CARRIAGE BY AIR: NO RESTRICTIONS

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15- INFORMATION ON REGULATION

EXEMPT FROM MARKING OBLIGATION IN CONFORMITY WITH EEC REGULATIONS.

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16- OTHER INFORMATION

REFERENCES: NOT AVAILABLE.

OTHER SPECIAL CONSIDERATIONS: NOT AVAILABLE.

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