

SAFETY DATA SHEET - ALGINATE FAST

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product Name / Code:	ALGINATE FAST IMPRESSION MATERIAL / PROALG550F
REACH Key Notes:	N/A
Application of Substance:	Alginate is a powder which, when mixed with water [2:1 for pouring, 1:1 for spreading], forms a gel suitable for taking impressions of human tissue. A spearmint-flavoured natural plant extract which is quick-setting, self-releasing, and gives excellent reproduction of fine detail. It has been used by dentists for many years and is safe for use on the skin.
Company:	Flints Theatrical Chandlers Ltd Unit 9 Deptford Trading Estate Blackhorse Road SE8 5HY
Telephone:	+44 (0) 20 7703 9786
Email:	sales@flints.co.uk

Telephone operated from 08:30 - 17:30 Monday to Friday, 09:00 - 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use.

Practice good hygiene. Wear gloves, overalls.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Compounds:

	%	CAS No	S Phase	R Phase
Potassium Fluorotitanate	01.05	16919-27-0	22-26-28	25-20/21
Diatomaceous Earth Filler	60-70	68855-54-9	22	40/20

Non Hazardous Compounds:

	%	CAS No
Triethanolamine Alginate	10-20	9005-38-3
Calcium Sulphate Dihydrate	10-20	
Tetrasodium Pyrophosphate	10-20	7722-88-5
Magnesium Oxide	01-05	
Sodium Alginate	05-10	

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4. FIRST AID MEASURES

Eyes:	Irrigate thoroughly with water for at least 10 minutes.
Skin:	Wash immediately with plenty of water.
Ingestion:	Wash out mouth with water. DO NOT INDUCE VOMITING.
Inhalation:	Remove from exposure, rest and keep warm.

5. FIRE FIGHTING MEASURES

N/A. Product is non-flammable.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Avoid accumulation of dust
Methods for Cleaning / Taking Up:	Sweep or vacuum. Avoid getting material damp as it may cause a slip hazard.

7. HANDLING AND STORAGE

When handling bulk quantities use suitable protective clothing. Handle in well ventilated area.

Store in a cool dry place. Keep container lid tightly closed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hygiene Measures:	Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.
Respiratory Protection:	Dust mask.
Hand Protection:	Gloves should be worn when handling bulk quantities.
Eye Protection:	Goggles should be worn when handling large quantities.
Body Protection:	Cotton / synthetic overalls should be worn when handling large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder form, colours in orange, pink, green, blue or yellow.
Odour:	Peppermint or vanilla
pH:	5 - 9
Melting Point:	>100°C
Density:	2200-2300 kg/m ³
Solubility in Water:	Negligible

10. STABILITY AND REACTIVITY

Thermal Decomposition:	Stable
Conditions to Avoid:	Avoid aqueous conditions as material gels when wet.

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11. TOXICOLOGICAL INFORMATION

Possible temporary irritation of the eyes and respiratory mucosa.

Possible risk of irreversible effects by repeated inhalation of dust at high concentration (Silicosis).

12. ECOLOGICAL INFORMATION

There is no ecological data available for this product.

13. DISPOSAL INFORMATION

Dispose of material according to local regulations.

14. TRANSPORT INFORMATION

ADR/RID: Not regulated for transport.

15. REGULATORY INFORMATION

Hazard symbols:

R Phrases:

R 40/20: Harmful possible risk of irreversible effects through inhalation.

S Phrases:

S22: Do not breathe the dust

16. OTHER INFORMATION

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

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