MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and company

Product details :
Identity : Algitex Impression Material

Supplier details :
Dental Products of India…a division of
The Bombay Burmah Trading Corporation, Ltd.

2. Composition/information on ingredients

Hazardous Compounds:		**%**
Potassium Fluorotitanate	:	01 - 05
Diatomaceous Earth Filler	:	60 - 70

Non Hazardous Compounds:		
Sodium Alginate	:	10 - 20
Calcium Sulphate Dihydrate	:	05 - 10
Tetrasodium Pyrophosphate	:	01 - 05
Gypsum	:	10 - 20

3. Hazards identification

Unlikely to cause harmful effects under normal conditions of handling and use. Practice good hygiene. Wear gloves, overalls.

4. First aid measures

After contact with skin: Wash immediately with plenty of water

After contact with eyes:
Irrigate thoroughly with water for at least 10 minutes
After ingestion:
Wash out mouth with water. Do not induce vomiting
After inhalation:
Remove from exposure, rest and keep warm

5. Fire-fighting measures:

Suitable Extinguishing Media:

N/A. Product is non-flammable

6. Accidental release measures:

Environmental precautions

Avoid accumulation of dust

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Methods for cleaning up / 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 controls / personal protection

Hygiene measures

Remove soiled or soaked clothing immediately.
Wash hands before breaks and after work.
Respiratory protection: Dust free
Hand protection: Gloves should be worn when handling bulk quanitites
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

Form : Powder
Colour : Light Pink
Odour : Spearmint oil

Data relevant to safety

Flash point :		Melting Point Range:	100 EC
Ignition temperature	N/A	Density :	2200-2300 Kg/m3
Explosive Limits :	N/A	Solubility in water:	Negligible
Boiling Point / Range :	N/A	Vapour Pressure:	N/A

10. Stability and reactivity

Thermal Decomposition: Stable

Conditions to Avoid:

Avoid aqueous conditions as material gels when wet.

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 date available for this product

13. Disposal considerations

Dispose of material according to local regulations.

14. Transport information

UN No:
IMO:
IATA:
Correct Technical Name:
ADR/RID:
Not regulated for transport

IMDG Class:
Packaging Group:
Packaging Group:

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 Information is given in good faith, being based on the latest knowledge available to Dental Products of India…a division of BBTCL. No known relevant information has been omitted from the product information, risk information and safety precaution sheets. The user should not assume therefore, the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, please contact Dental Products of India…a division of BBTCL. prior to use for further advice.

Authorised Signatory