

ACROGEL - ORTHOGEL – CHROMOGEL
ALGINATE IMPRESSION MATERIAL
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

I- MANUFACTURER:
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III- PRODUCT: Dental Impression Material based on Alginate.
ACROGEL – ORTHOGEL - CHROMOGEL

IV- CHEMICAL NAME: N.A.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT (S):	CAS No.	%	CLASSIFICATION
Potassium fluoro titanate	16919-27-0	1-3	Xn;R22

3. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

- Classification** None.

4. FIRST - AID MEASURES

- INHALATION:** No special measures required.
- SKIN CONTACT:** Rinse with plenty of running water.
- EYE CONTACT:** Immediately wash with water for at least 10 minutes.
- INGESTION:** Rinse out mouth and then drink plenty of water.

5. FIRE FIGHTING MEASURES

- Extinguishing Media:**
 - **Suitable** Use extinguishing media suitable for surrounding materials.
 - **Not suitable** None.
- Specific hazards:** None.
- Specific fire fighting methods:** No special measures required.
- Protection of fire – fighters:** No special protection is required.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Dust protection mask.
Gloves.
- Environmental precautions and methods for cleaning up:** Use a shovel to transfer the material to a convenient waste disposal container.

7. HANDLING AND STORAGE

- **HANDLING:**
- **Technical measures** No special measures required
- **Safe handling advice** Wear protective equipment.

- **STORAGE:**
- **Technical measures** No special measures required.
- **Storage conditions**
- **Recommended** Keep the closed container a temperature varying from 5°C to 27°C
- **Incompatible products** None in particular
- **Packaging materials:**
- **Suitable** Use original container

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

- **Engineering measures:** No special measures required.

- **personal protective equipment:**
- **Eye protection** Safety glasses.

- **Hygiene measures:** Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:**
- **Physical state:** Solid (powder).
- **Color**
ACROGEL: Green
ORTHOGEL: Pink
CHROMGEL: Yellow

- **Odor:**
ACROGEL: Pineapple
ORTHOGEL: Mango
CHROMGEL: Straw berry

- **Flash point:** Not applicable

- **Bulk density:** 0.5 g/ml

- **Solubility:**
- **In water** Insoluble

10. STABILITY AND REACTIVITY

- **Stability:** Stable
- **Hazardous reactions:**
- **Materials to avoid** None in particular.
- **Hazardous decomposition products:** None

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:** LD 50 oral (Rat) : >354 mg/kg.

- **Local effects:**
- **Skin irritation** Slightly irritation to the skin
- **Eye irritation** Mildly irritating to the eyes.
- **Sensitization** Non - sensitizer

12. ECOLOGICAL INFORMATION

- **Ecotoxicity data:** trout (Lc50) 240 hour/hours:> 64 mg/L
- **Mobility:** Product is not hazardous to water

13. DISPOSAL CONSIDERATIONS

- **WASTE FROM RESIDUES:**
- **Disposal** Small quantities can be polymerized with the matching system component(s) and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of according to applicable regulations.

- **CONTAMINATED PACKAGING:** Waste must be disposed of according to applicable regulations.
- **Disposal**

14. TRANSPORT INFORMATION

- **INTERNATION REGULATIONS:**
- **Land**
- **Rail/road (RID/ADR)** Not regulated
- **Sea (IMO/MDG)AL** Not regulated
- **Air (ICAO-IATA)** Not regulated

15. REGULATORY INFORMATION

- **LABELLING:**
- **EC regulations** This product is not classified according to EU legislation
- **Risk phrases:** Dental impression material
- **Product use:** None
- **Additional warning phrases:**

16. OTHER INFORMATION

- **Full text of R-phrases referred To in section 2 and 3:** R22 – Harmful by inhalation and of swallowed
- **Full text of classification Referred to in sections 2 and 3:** Xn – Harmful

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