



Safety Data Sheet according to the Dir. 2001/58/EEC – Revision date: 05/01/2009

## CROMATIC ALGINATE

### 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Trade name: **CROMATIC**  
Trade code: 001019  
Manufacturer's name and address: Vannini Dental Industry Via di Campigliano, 55/a 50015  
Grassina (FI) Italy  
Emergency telephone number of the company: +39/055/644698

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:  
Potassium fluorotitanate.

Ingredient	Hazardous symbols	Hazard phrases
Potassium fluorotitanate	<b>T:</b> Toxic	<b>R20/21:</b> Harmful by inhalation and in contact with skin <b>R25:</b> Toxic if swallowed

### 3. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

### 4. FIRST AID MEASURES

*Contact with skin:* Wash with plenty of water and soap.  
*Contact with eyes:* Wash immediately with water for at least 10 minutes.  
*Swallowing:* Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet. A suspension of activated charcoal in water, or liquid paraffin may be administered.  
*Inhalation:* Ventilate the premises.

### 5. FIRE-FIGHTING MEASURES

*Recommended extinguishers:* water, CO<sub>2</sub>, foam, chemical powders, according to the materials involved in the fire.  
*Extinguishers not to be used:* none in particular.  
*Risks arising from combustion:* avoid inhaling the fumes.  
*Protective equipment:* use protection for the respiratory tract.

### 6. ACCIDENTAL RELEASE MEASURES

*Measures for personal safety:* none in particular  
*Environmental measures:* limit leakages with earth or sand.  
*Cleaning methods:* recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

### 7. HANDLING AND STORAGE

*Handling precautions:* avoid contact and inhalation of the vapours. See, too, paragraph 8 below. Do not eat or drink while working.  
*Incompatible materials:* none in particular.  
*Storage conditions:* keep the closed container a temperature varying from 4°C to 28°C (38-82°F).  
*Technical measures:* satisfactory room ventilation.



**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

*Precautionary measures:* give adequate ventilation to the premises where the product is stored and/or handled.

*Respiratory protection:* not needed for normal use

*Protection for hands:* not needed for normal use

*Eye protection:* not needed for normal use

*Protection for skin:* no special precaution must be adopted for normal use

*Exposure limit(s) (ACGIH):* none

**9. PHYSICAL AND CHEMICAL PROPERTIES**

*Appearance and colour:* white powder

*Odour:* vanilla

*Water contact causes a elastic product.*

**10. STABILITY AND REACTIVITY**

*Conditions to avoid:* stable under normal conditions.

*Substances to avoid:* none in particular.

*Hazardous decomposition:products:* none

**11. TOXICOLOGICAL INFORMATION**

The product tried in 1:2 ratio (as the normally use) doesn't have citotossic effects on the L929 cellular line. Set out below is the toxicological information relating to the main substances in the preparation.

CAS 16919-27-0 Swallowing: Acute exposition at fluorine components may cause burning in the digestive . Inhalation: may cause irritations in the respiratory tracts.

**12. ECOLOGICAL INFORMATION**

Use according to good working practice.

**13. DISPOSAL CONSIDERATIONS**

Comply with the local and national regulations currently in force. Waste not dangerous.

**14. TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION**

88/379/EEC (Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

Medical Device CE marked according to the Directive 93/42/EEC.

**16. OTHER INFORMATION**

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.