

MATERIAL SAFETY DATA SHEET in accordance with art. 31 of reg. EC 1907/2006 (REACH)

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1 Manufacturer name and contact information

Product names: **Alginate nuova formula bianco, rosa.**
Preparation based on sodium alginate, calcined diatomite, additives

Use *Material for body impressions, mould making.*

Manufacturer **Gessi Roccastrada srl**
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2 Hazards identification

In small concentrations the preparation contains some harmful substances

- **Xn** harmful
- **R20** harmful for inhalation
- **R22** harmful for swallowing
- **R37** Irritant for respiratory system and skin
- **R41** Hazard of severe eye damages.
- **R43** It may cause sensitizer effects if in contact with skin
- **R48** Danger for severe health damages in case of extended exposure

3 Composition/information on ingredients

The product contains sodium alginate, diatomaceous hearth, potassium hexafluorotitanate, talc, hemi-hydrate gypsum, sodium phosphate, dyes and flavours

Dangerous Components	formula	CAS number	EINECS number	weight %
Crystalline silica	SiO ₂	14808-60-7	238-878-4	>60%
Potassium hexafluorotitanate	K ₂ TiF ₆	16919-27-0	240-969-9	<3%

4 First aid measures

Eye contact Immediately and thoroughly wash eyes with clean water or specific eye washing. Consult a doctor.

Skin contact Wash skin thoroughly with water

Inhalation Rinse well nose and mouth with water. Remove person to fresh air

Ingestion Rinse mouth thoroughly and give plenty of water. Get medical attention if necessary

5 Fire fighting measures

The product is not combustible.

MATERIAL SAFETY DATA SHEET in accordance with art. 31 of reg. EC 1907/2006 (REACH)**6 Accidental release measures**

- personal precautions** Wear appropriate Personal Protective Equipment, see section 8.
- Environmental precautions** Keep out of drains, sewers and waterways.
- Methods for cleaning** Scoop up material and place in a disposal container, see section 7.

7 Handling and storage

- handling** In case of powder please intake carefully.
- Storage** Store in dry conditions. Keep the containers well closed.

8 Exposure Controls/Personal Protection

- Workplace exposure limit** Breathable dust of SiO₂ -TWA: 0.025 mg/m³ (*Threshold Limit Values*)
- Engineering controls** Operators must use the following protection devices every time they handle the product:
- Eye protection* Safety glasses if some powder is released
 - Hand protection* Gloves for protection from dangerous substances
 - Skin protection* Use impervious protective working clothing
 - Respiratory protection* An approved (complying with EN 149 FFP2) dust mask or filtering facepiece if some powder is released

9 Physical and chemical properties

- appearance* White powder (Viralgin, Viralgin Plus), yellow powder (Quickalgin, Quickalgin plus), aquamarine powder (Elalgin, Elalgin Plus).
- Odour* Mint (Viralgin, Viralgin Plus, Elalgin, Elalgin Plus), vanilla (Quickalgin, Quickalgin Plus)
- flammability* Not applicable
- Upper/Lower explosive limits* Not applicable
- Flash Point* Not applicable
- Vapour pressure* Not applicable
- Bulk density* 0,35 ÷ 0,45 g/cm³ (at 20 °C)
- pH value at 20 °C* 10 ÷ 12
- Solubility in water* It reacts creating a hydrophile gel

10 Stability and reactivity

- Stability** Stable at room temperature
- Conditions to avoid** Avoid the exposure at humidity
- Incompatible materials** None identified

11 Toxicological Information**12 Ecological Information**

- Do not release the powder in the environment

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13 *Disposal Considerations*

Avoid to release the product in the environment. Eliminate as code EWC 18 01 06. To be disposed in accordance with local and national Environmental Regulations.

14 *Transport information*

This product is not classified as hazardous for transport

15 *Regulatory information*

Danger symbol



X_n (harmful)

Risk phrase (R phrase)

R20	harmful for inhalation
R22	harmful for swallowing
R37	Irritant for respiratory system and skin
R41	Hazard of severe eye damages
R43	It may cause sensitizer effects if in contact with skin
R48	Danger for severe health damages in case of extended exposure

Safety advice (S phrase)

S2	Keep away from children
S22	Do not breath the powder
S24/25	Avoid the contact with skin and eyes
S26	If in contact with eyes, immediately wash thoroughly with water and consult a doctor.
S37	Wear protective gloves
S46	In case of swallowing, consult a doctor immediately

16 *Further information*

Our consultancy about the use of our product, issued in spoken, written and demonstrative way, is based on the present position of dental laboratory work and our best knowledge. It must be considered just as indication with no binding meaning, also with reference to other people rights and does not exempt the user from testing the product to evaluate its suitability to the use and aims.

The application, the use and the processing of the product are done beyond our possibility of control, so that they are exclusive responsibility of the user. Possible responsibilities for damages would be restricted only to the value of the supplied and used merchandise.

Written queries: for further information please contact our Technical Department.