

Material Safety Data Sheet

1. Product and Company Details

Product Trade Name : “Sure-Cord Plus”
Company name : Sure Dent Corporation
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Gyeonggi-do, Korea
Tel: +82-31-737-4720
Fax: +82-31-737-4724
E-mail: suredent@suredent.com, suredent@gmail.com
Product type : Dental impression material
Classification : **CE/MDD - Class IIa** : Directive 93/42/EEC + 2007/47/EC
FDA/USA – Unclassified
KFDA – Class II : C26020.01

2. Composition/Ingredients

Hazardous Ingredients	CAS #	Hazard Identification and Risk Phrases
Aluminum Chloride Hexahydrate	7784-13-6	Xi, R36/R38

See section 15 for additional information regarding risk phrases

3. Hazard Identification

Acute Health Hazards: May cause eye, respiratory and skin irritation in high concentration.

Chronic Health Hazards: Material is not known to cause significant health problems

Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation.

Prolonged skin exposure can cause dryness

Primary routes of exposure: Inhalation, skin contact, eye contact.

Carcinogenicity: NTP - no, OSHA - no, IARC – no.

4. First Aid Measures

Inhalation - Remove to fresh air.
Skin Contact - Flush with lots of water
Eye Contact - Wash exposed area with lots of water
Ingestion - Seek immediate medical attention.

5. Fire Fighting Measures

- Extinguishing media - CO₂, Water, dry chemical
Protective equipment - No special measures required.

6. Accidental Release Measures

- Person-related safety precautions - Wear protective equipment. Keep unprotected persons away
Measures for environmental protection - Dilute with plenty of water.
Do not allow to enter sewers/surface or ground water
Measures for cleaning/collecting - Absorb with liquid-binding material.
Ensure adequate ventilation.

7. Handling and Storage

- Ensure good ventilation/exhaustion at the workplace.
Keep ignition sources away – Do not smoke.
Protect against electrostatic charges
Store in a dry place.
Keep the container tightly sealed.

8. Exposure Control and Personal protection

- Respiratory protection – N/A
Hand protection – Rubber gloves
Eye protection – N/A
Other protective clothing or equipment – Common uniform for lab

9. Physical and Chemical Properties

- | | |
|--|-----------------------|
| Vapor density – N/A | Melting point – N/A |
| Specific gravity – N/A | Boiling point – N/A |
| Color – according to product specification | |
| Solubility in water – Soluble | Odor – None |
| Explosion hazard – N/A | Vapor pressure – N.A. |

10. Stability and Reactivity

- Thermal decomposition/conditions to be avoided
: No decomposition if used according to specifications
Dangerous reactions – No dangerous reactions known.
Dangerous decomposition products – No dangerous decomposition products known.

11. Toxicological information

- Eye contact – Irritating effect
Skin contact – Irritant to skin and mucous membranes
Sensitization – Persons with sensibility to aluminum may have mild allergic reaction
Inhalation - N.A. (considered a nuisance dust-avoid inhalation)
Ingestion - N.A. (not known to cause any significant health problem)

12. Ecological information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Usually not hazardous.

13. Disposal consideration

Waste disposal method: Normal quantities may be disposed of in garbage.

14. Transport information

Not dangerous and transport away from food and beverages.

15. Regulatory information/Labeling international regulations

Labelling according to EU guidelines.

Xi (Xn): Irritant contains Aluminum Chloride Hexahydrate

R36: Causes burns – wear protective gloves and eye protection

R38: Irritating to respiratory system and skin

16. Other information

Read insert and refer to patient medical history.

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