

# SAFETY DATA SHEET

**Knit-Pak™ + Impregnated Knitted Cord (AlCl<sub>3</sub>•6H<sub>2</sub>O)**

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## 1. Chemical Product and Company Identification

Knit-Pak™ + Impregnated Knitted Cord (AlCl<sub>3</sub>•6H<sub>2</sub>O)

**Premier® Dental Products Company**

1710 Romano Drive

Plymouth Meeting, PA 19462

Phone: 610-239-6000 Fax: 610-239-6171

**Emergency phone:** 610-239-6000

## Indications:

A prescription-only, Aluminum Chloride Hexahydrate impregnated cord is used for temporary chemo-mechanical retraction of gingival tissues and hemostasis of the gingival margin around the tooth. It is intended for accurate and enhanced results when acquiring dental impressions, for cavity preparation or wherever hemostasis and retraction is required.

## Contraindications:

- Do not use on persons with known allergy to aluminum chloride
- Do not use in patients with significant periodontal disease or furcation involvement.
- Do not leave the cord in the gum for more than 20 minutes as this may cause a lasting recession of the gum.

## 2. 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.

Hazard symbol: 

## 3. Composition/Ingredients

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

See section 15 for additional information regarding risk phrases

## 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: CO<sub>2</sub>, 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 in garbage.

## 14. Transport information

Not dangerous and transport away from food and beverages.

## 15. Regulatory information/Labeling international regulations

Labeling according to EU guidelines



Irritant contains Aluminum Chloride Hexahydrate

R36: Causes burns – wear protective gloves and eye protection

R38: Irritating to respiratory system and skin

## 16. Other information

**Premier's revision date:** 09/30/2014

**Revision number:** 4

Read insert and refer to patient medical history.

Supplier's date: 05/20/2014

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