



## SAFETY DATA SHEET (SDS)

In accordance with Hazard Communication Standard (HCS), 29CFR 1910.1200(g), 2012 revision

### SECTION I - PRODUCT/ COMPANY IDENTIFICATION

Product Trade Name: Take 1™ Retraction Paste  
Common Name : Dental gingival retraction paste  
REF 36673 Take 1™ Retraction Paste High Viscosity, 15  
REF 36674 Take 1™ Retraction Paste High Viscosity, 60  
Company: KERR CORPORATION  
1717 West Collins Avenue, Orange, CA 92867-5422 USA  
Emergency / Information Telephone Numbers: 203-929-5582  
Toll-Free: 1-800-KERR-123 (USA & Canada)

### SECTION II - HAZARDS IDENTIFICATION

Designation of Risk: Xi, irritant    
Special Details of Risk (R-categories): 36-38  
Detrimental effects/symptoms: Irritant in case of eye, skin and inhalation contact. Harmful if swallowed.  
May cause sensitization by skin contact.

### SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

Substance name: CAS #  
Aluminum Chloride Hexahydrate 7784-13-6  
Exact % content withheld due to trade secret restrictions.

### SECTION IV - FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water.  
Consult a physician if irritation persists.  
Skin contact: Wash with plenty of water and soap.  
Ingestion: Consult a physician.  
Inhalation: If cough, shortness of breath or other breathing problems occur, move to fresh air.

### SECTION V - FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.  
Exposure hazards: In combustion emits toxic fumes.  
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.  
Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.  
Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

### SECTION VII - HANDLING AND STORAGE

#### HANDLING

Technical Measures: Processing in closed systems, if possible superposed by inert gas (e.g. nitrogen) Take precautionary measures against electrostatic charging.  
Suitable Materials: Enamel, glass, polyethylene - test plastics before use.

#### STORAGE

Storage conditions: Store in cool, well-ventilated area. Keep container tightly closed.

Handling: Does not require specific technical measures.

Storage Containers: Store in supplied packaging.

Storage Incompatibilities: None.

Storage Other precautions: Mixtures of nitrobenzene, aluminum oxide and aluminum chloride gas, are thermally unstable and may lead to explosive decomposition due to a multi-step decomposition reaction occurring above 90°C.

### SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:

Aluminum Chloride Hexahydrate: US ACGIH TWA 2 mg/m<sup>3</sup>

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is on hand.

Skin protection: Protective clothing.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Colour: Blue-green

Odour: Characteristic odour

Evaporation rate: Moderate

Solubility in water: Slightly soluble

Also soluble in: Ethanol

Viscosity: Viscous

### SECTION X - STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Strong Acids.

Materials to avoid: Nitrobenzene.

Haz. decomp. products: Aluminum oxide, aluminum chloride gas.

### SECTION XI - TOXICOLOGICAL INFORMATION

Aluminum Chloride Hexahydrate: Oral LD50: LD50/oral/rat = 3311 mg/kg

### SECTION XII - ECOLOGICAL INFORMATION

#### ACUTE ECOTOXICITY TESTS

Aluminum Chloride Hexahydrate:

Test Type: LC50 Fish Species: other fish Time: 96 h

Value: 27.1 mg/l Test Type: EC50 Daphnia

Species: Daphnia magna Time: 48 h Value: 27.3 mg/l

### SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local regulations

### SECTION XIV - TRANSPORT INFORMATION

DOT- not regulated

### SECTION XV - REGULATORY INFORMATION

United States - OSHA (29 CFR 1910.1200): Hazardous.

Hazard symbols: Harmful. Risk phrases: R22: Harmful if swallowed.

R32: Contact with acids liberates very toxic gas. R43: May cause sensitization by skin contact. Safety phrases: S24: Avoid contact with skin. S37: Wear suitable gloves. PRECAUTIONARY PHRASES: Restricted to professional users.

Wear suitable gloves. PRECAUTIONARY PHRASES: Restricted to professional users.

### SECTION XVI - OTHER INFORMATION

Product handling exclusively by dental specialists per instructions for

# Kerr™



#### Kerr Corporation

1717 West Collins Avenue, Orange, CA 92867-5422

Telephone no.: 1-800-KERR-123 | www.kerrdental.com

©2018 Kerr Corporation. Made in the USA Date Revised: 06/2018 DMC3391\_Rev.00

based on:

©2015 Centrix, Inc. Made in the USA Date Revised: 03/2015 012094 REV B