


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 36677 Take 1™ Retraction Paste Low Viscosity, 15
REF 36678 Take 1™ Retraction Paste Low Viscosity, 15
Company: KERR CORPORATION
1717 West Collins Avenue, Orange, CA92867-5422 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, labelled 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/m³
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.

SECTION XVI - OTHER INFORMATION

Product handling exclusively by dental specialists per instructions for use.

CAUTION

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.

Kerr™



Kerr Corporation

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