


SAFETY DATA SHEET (SDS)

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

SECTION I - PRODUCT / COMPANY IDENTIFICATION

Product Name: Calciject®
Synonyms: Calcium Hydroxide Pulp Capping Paste
Company Name: Centrix, Inc.
Address: 770 River Road
City, State, Zip: Shelton CT, 06484
Emergency Telephone Number: 203-929-5582
Information Telephone Number: 800-235-5862

SECTION II – HAZARD 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

Components	%	CAS-No.
Calcium Hydroxide	39 - 43	1305-62-0

Exact % content withheld due to trade secret restrictions.

SECTION IV - FIRST AID MEASURES

Skin: Rinse immediately with plenty of water for at least 15 minutes. If irritation occurs seek medical advice.
Ingestion: If swallowed do not induce vomiting. Give large quantities of water and milk. Seek medical attention.
Inhalation: Not applicable
Eyes: Rinse with plenty of water for at least 15 minutes.
Seek immediate medical attention by an Ophthalmologist.

SECTION V - FIRE-FIGHTING MEASURES

Not a fire hazard. Extinguish fire with agent suitable for surrounding fire; use self-contained breathing apparatus.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear gloves, glasses, protective clothing.
Environmental precautions: Keep spilled material out of sewers.
Reclaiming methods: Wash the contaminated area with plenty of water.

SECTION VII - HANDLING AND STORAGE

Handling: Avoid any physical contact.
Storage: Room temperature.
Containers: Supplied by manufacturer.
Incompatibilities: Avoid contact with strong acids.
Other precautions: Use according to directions.
Avoid contact with eyes, skin and soft tissue.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

General measures: Wash hand after any handling
Limit Values: Calcium Hydroxide Powder only: PEL / TLV 5 mg/m3
Respiratory protection: Not applicable
Eye protection: Safety glasses or goggles.
Skin protection: Respect good personal hygiene practice. Avoid unnecessary exposure.
Hands protection: Impervious gloves.
Other equipment: Lab coat.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste	Explosion limits: Not applicable
Odor: None	Water solubility: Very low
Boiling point: Not applicable	Evaporation rate: Not determined
Flash point: Not applicable	pH: 12.5
Other Data: Not available or none.	

SECTION X - STABILITY AND REACTIVITY.

Stability: Stable if stored as directed.
Conditions to avoid: High humidity and temperatures
Materials to avoid: Calcium hydroxide reacts violently with maleic anhydride, nitroethane, nitro-methane, nitro-paraffin, nitro-propane, phosphorus. As a strong alkali, it is incompatible with acids.
Hazardous decomposition products: Caustic fumes of calcium oxide when heated to decomposition.
Hazardous polymerization products: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION.

Ingestion: Ingestion may be followed by pain, vomiting, diarrhea and collapse.
Eye contact: May cause severe irritation.
Skin contact: May adhere to tissue. May dry the skin causing irritation and burns.
Inhalation: Not applicable
Prolonged exposure: Narrowing of the esophagus may occur weeks to years after ingestion, making swallowing difficult. Not considered a carcinogen, mutagen or teratogen. Not toxic to the reproductive system.

SECTION XII - ECOLOGICAL INFORMATION.

No data is available

SECTION XIII - DISPOSAL CONSIDERATIONS.

Dispose in accordance with local authorities.

SECTION XIV - TRANSPORT INFORMATION.

not classified as dangerous goods

SECTION XV - REGULATORY INFORMATION


No data is available

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.

Products covered by one or more of the following U.S. patents:
5,819,921 & 5,934,460. Other U.S and International patents pending or granted.
Made in the USA

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