

PULPDENT CORPORATION -- PULPDENT TEMPCANAL, PTCK, PTC -- 6520-01-292-0534

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Product Identification  
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Product ID:PULPDENT TEMPCANAL, PTCK, PTC

MSDS Date:01/01/1999

FSC:6520

NIIN:01-292-0534

Status Code:A

Kit Part:Y

MSDS Number: CLJVX

=== Responsible Party ===

Company Name:PULPDENT CORPORATION

Address:80 OAKLAND STREET

City:WATERTOWN

State:MA

ZIP:02172-5000

Country:US

Info Phone Num:800-343-

4342/617-926-6666

Emergency Phone Num:800-535-5053

CAGE:05273

=== Contractor Identification ===

Company Name:PULPDENT CORPORATION

Address:80 OAKLAND STREET

City:WATERTOWN

State:MA

ZIP:02172-5000

Country:US

Phone:800-343-4342/617-926-6666

CAGE:05273

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM HYDROXIDE

CAS:1305-62-0

RTECS #:EW2800000

OSHA PEL:15 MG/M3

ACGIH TLV:5 MG/M3

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Hazards Identification  
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Routes of E

ntry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MINIMAL HEALTH HAZARD IN THESE QUANTITIES OF LIQUID AND PASTE FORM. HOWEVER, IN LARGE AMOUNTS AND/OR WITH PROLONGED EXPOSURE, THIS PRODUCT IS CORROSIVE AND MAY CAUSE IRRITATION AND BURNS TO MUCOUS MEMBRANES, EYES, GASTROINTESTINAL TRACT, RESPIRATORY TRACT AND SKIN. IN ADDITION, THE POWDER FORM PRESENTS AN INHALATION HAZARD. CHRONIC: NARROWING

OF THE ESOPHAGUS MAY OCCUR WEEKS TO YEARS AFTER INGESTION.

Explanation of Carcinogenicity:CARCINOGENICITY: NOT KNOWN TO BE A CARCINOGEN.

Effects of Overexposure:INHALATION: POWDER FORM MAY CAUSE IRRITATION OF MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. PASTE AND LIQUID PREPARATIONS CAUSE NO SYMPTOMS. EYE CONTACT: CORROSIVE. MAY PRODUCE IRRITATION, PAIN, ULCERATION OF THE CORNEA. SKIN ABSORPTION: N/A. SKIN CONTACT: CORROSIVE. MAY CAUSE BURNS, BLISTERING, DEPENDING

ON DURATION OF CONTACT. INGESTION: GASTRIC IRRITANT. MAY CAUSE PAIN, VOMITING, DIARRHEA, AND COLLAPSE.

Medical Conditions Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN CONDITIONS MAY BE MORE SUSCEPTIBLE TO IRRITATION.

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===== First Aid Measures =====

First Aid:INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS LABORED. EYE CONTACT: WASH WITH RUNNING WATER FOR 15+ MINUTES. GET IMMEDIATE MEDICAL ATTENTION. INGESTION IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER/MILK, BUT ONLY IF PERSON IS CONSCIOUS. CALL PHYSICIAN IMMEDIATELY. SKIN CONTACT: REMOVE ANY CONTAMINATED CLOTHING. WIPE OFF EXCESS AND WASH SKIN WITH PLENTY OF TEPID WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

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===== Fire Fighting Measures =====

Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FULL PTO

RECTIV CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR GLOVES, SAFETY GOGGLES. POWDER SPILLS: WEAR DUST MASK; PICK UP SPILLED MATERIAL WITHOUT DISPERSING POWDER INTO AIR. PASTE AND LIQUID SPILLS: WIPE UP WITH PAPER TOWELS. WASH AREA OF SPILL WITH WATER-SATURATED PAPER TOWELS/CLOTHS. PLACE SPILLED MATERIAL AND ABSORBENT TOWELS IN CONTAINER FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER, STORE IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:SPILLS MAY RESULT IN SLIPPERY SURFACES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:POWDERED CALCIUM HYDROXIDE: UNDER NORMAL CONDITIONS OF DENTAL PRACTICE, A SURGICAL MASK PROVIDES ADEQUATE RESPIRATORY PROTECTION. FOR LARGE QUANTITIES: AN OSHA-APPROVED DUST/MIST RESPIRATOR IS RECOMMENDED. PASTE/LIQUID PREPARATIONS: SURGICAL MASK UNDER ALL CIRCUMSTANCES OF NORMAL USE.

Ventilation:NO SPECIAL VENTILATION NECESSARY AS LONG AS LEVEL OF CALCIUM HYDROXIDE POWDER IS BELOW THE TLV.

Protective Gloves:CHEMICALLY IMPERVIOUS.

Eye Protection:

CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:EMERGENCY EYE WASH FOUNTAIN. WEAR LAB COAT, LONG SLEEVES AND APRON TO PREVENT SKIN CONTACT. USE RUBBER DAM AROUND TOOTH TO BE TREATED. MASK ALL SURROUNDING TISSUE.

Work Hygienic Practices:WASH HANDS AFTER USE; WASH CONTAMINATED SAFETY EQUIPMENT BEFORE RE-USE. PERSONS REGULARLY USING LARGE QUANTITIES OF THE POWDER FORM SHOULD NOT WEAR CONTACT LENSES.

Supplemental Safety and Health

CHEMICAL DESCRIPTION: CALCIUM HYDROXIDE PREPARATI

ON. PRODUCT USE:  
DENTAL MATERIAL.

===== Physical/Chemical Properties =====

HCC:N1  
Boiling Pt:B.P. Text:DECOMPOSES  
Melt/Freeze Pt:=580.C, #####F  
Vapor Pres:UNK  
Vapor Density:UNK  
Spec Gravity:UNK  
Solubility in Water:SLIGHT  
Appearance and Odor:WHITE LIQUID, PASTE OR POWDER.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
MATERIAL REACTS VIOLENTLY WITH MALEIC ANHYDRIDE, NITROETHANE,  
NITROMETHANE,  
NITROPARAFFINS, NITROPROPANE, PHOSPORUS. AS A STRONG  
ALKALI, IT IS INCOMPATIBLE WITH ACIDS.  
Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS. AVOID  
EXCESSIVE HEAT.  
Hazardous Decomposition Products:CAUSTIC FUMES OF CALCIUM OXIDE FORM  
WHEN HEATED TO DECOMPOSITION.

===== Toxicological Information =====

Toxicological Information:TERATOGENICITY: NONE KNOWN. MUTAGENICITY:  
NONE KNOWN. REPRODUCTIVE TOXICITY: NONE KNOWN.

===== Dis  
posal Considerations =====

Waste Disposal Methods:FOLLOW GOVERNMENT REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT HAZARD CLASSIFICATION: NOT REGULATED.

===== Other Information =====

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