

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: CHEMICAL CURE RESIN CEMENT BASE WITH FLUORIDE

MANUFACTURER: CONFI-DENTAL PRODUCTS CO.
ADDRESS: 416 SOUTH TAYLOR AVENUE
LOUISVILLE, COLORADO 80027

FOR INFORMATION CALL: (303) 665-7535 CHEMTREC: (800) 424-9300

DATE PREPARED: September 22, 2006

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV	%(OPTIONAL)
AROMATIC AND ALIPHATIC DIMETHACRYLATE MONOMERS			
QUARTZ/GLASS FILLER			
TERTIARY AMINE			
SODIUM FLUORIDE			

SECTION III - PHYSICAL DATA

BOILING POINT: ND SPECIFIC GRAVITY (H₂O = 1): ND

VAPOR PRESSURE (mm Hg) ND MELTING POINT: ND

VAPOR DENSITY (AIR=1) ND EVAPORATION RATE: ND
(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: INSOLUBLE

APPEARANCE AND ODOR: BEIGE PASTE WITH A MILD ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND FLAMMABLE LIMIT: ND

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL FOAM, CO₂, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL MAY BURN IF EXPOSED TO FLAME.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID HEAT AND U.V.

INCOMPATIBILITY (MATERIALS TO AVOID): REDUCING AGENTS, STRONG OXIDIZING, AND PEROXIDES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: ND

HAZARDOUS POLYMERIZATION: WILL OCCUR IN LARGE QUANTITIES.

CONDITIONS TO AVOID: HIGH TEMPERATURES.

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SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY - INHALATION: NOT WITH NORMAL USE

SKIN: YES

INGESTION: YES

HEALTH HAZARD (ACUTE OR CHRONIC): ND

CARCINOGENICITY: ND **NTP?**

IARC MONOGRAPHS?

OSHA REGULATED?

SIGNS OR SYMPTOMS OF EXPOSURE: REPEATED CONTACT WITH SKIN MAY CAUSE REDDENING AND IRRITATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ND

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE SUBJECT TO FRESH AIR.

EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR A MINIMUM OF 5 MINUTES.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: INDUCE VOMITING BY GIVING TWO GLASSES OF WATER AND SEEK MEDICAL ATTENTION.

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CHEMICAL CURE RESIN CEMENT BASE WITH FLUORIDE

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WIPE UP SPILL WHILE WEARING GLOVES.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE TO FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AT OR BELOW ROOM TEMPERATURE. AVOID MOISTURE CONTACT IN UNPOLYMERIZED STATE. KEEP CONTAINER CLOSED TO AVOID CONTAMINATION AND LIGHT EXPOSURE.

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SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE REQUIRED

VENTILATION - LOCAL EXHAUST: ND

SPECIAL:

MECHANICAL (GENERAL):

OTHER:

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: RECOMMENDED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

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INFORMATION HEREIN IS GIVEN IN GOOD FAITH AS AUTHORITATIVE AND VALID. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED CAN BE MADE, AND CONFIDENTIAL PRODUCTS CO. ASSUMES NO LIABILITY RESULTING FROM ITS USE.

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QUARTZ/GLASS FILLER			
BENZOYL PEROXIDE			

SECTION III - PHYSICAL DATA

BOILING POINT: ND **SPECIFIC GRAVITY (H₂O = 1):** ND

VAPOR PRESSURE (mm Hg) ND **MELTING POINT:** ND

VAPOR DENSITY (AIR=1) ND **EVAPORATION RATE:** ND
(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: INSOLUBLE

APPEARANCE AND ODOR: WHITE PASTE WITH MILD ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND **FLAMMABLE LIMIT:** ND

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL FOAM, CO₂, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL MAY BURN IF EXPOSED TO FLAME.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HIGH TEMPERATURES AND EXCESSIVE HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, TERTIARY AMINES AND PEROXIDES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: ND

HAZARDOUS POLYMERIZATION: WILL OCCUR IN LARGE QUANTITIES.

CONDITIONS TO AVOID: AVOID ELEVATED TEMPERATURES, REDUCING AGENTS, UV LIGHT.

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY - INHALATION: ND

SKIN: YES

INGESTION: YES

HEALTH HAZARD (ACUTE OR CHRONIC): ND

CARCINOGENICITY: ND **NTP?**

IARC MONOGRAPHS?

OSHA REGULATED?

SIGNS OR SYMPTOMS OF EXPOSURE: REPEATED CONTACT WITH SKIN MAY CAUSE REDDENING AND IRRITATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ND

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move subject to fresh air.

EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER for a minimum of 5 minutes.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: INDUCE VOMITING BY GIVING TWO GLASSES OF WATER AND SEEK MEDICAL ATTENTION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
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WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE TO FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AT OR BELOW ROOM TEMPERATURE. AVOID MOISTURE CONTACT IN UNPOLYMERIZED STATE. KEEP CONTAINER CLOSED TO AVOID CONTAMINATION AND LIGHT EXPOSURE.

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SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE REQUIRED

VENTILATION - LOCAL EXHAUST: ND

SPECIAL:

MECHANICAL (GENERAL):

OTHER:

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: RECOMMENDED

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