

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: DIMER ACID NANOHYBRID
MANUFACTURER: CONFI-DENTAL PRODUCTS CO.
ADDRESS: 416 SOUTH TAYLOR AVENUE
LOUISVILLE, COLORADO 80027
FOR INFORMATION CALL: (303) 665-7535
CHEMTREC: (800) 424-9300

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SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV	%(OPTIONAL)
AROMATIC AND ALIPHATIC DIMETHACRYLATE MONOMERS			
UDMA MONOMER			
DIMER ACID DIURETHANE DIMETHACRYLATE			
CAMPHORQUINONE			
TERTIARY AMINE			
SILANATED DENTAL GLASS			
YTTERBIUM FLUORIDE POWDER			

SECTION III - PHYSICAL DATA

BOILING POINT: ND SPECIFIC GRAVITY (H₂O = 1): > 1
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: PASTE WITH CHARACTERISTIC ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND FLAMMABLE LIMIT: LEL: ND
UEL: ND

EXTINGUISHING MEDIA: DRY CHEMICAL FOAM, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS

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

SECTION V - HEALTH HAZARD DATA

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

SKIN: YES

INGESTION: POSSIBLE

HEALTH HAZARD (ACUTE OR CHRONIC): ND

CARCINOGENICITY: ND NTP?

IARC MONOGRAPHS?

OSHA REGULATED?

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ND

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE TO FRESH AIR IF THERE ARE ANY BREATHING DIFFICULTIES

EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER OR MILK IMMEDIATELY SEEK MEDICAL ATTENTION

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SECTION VI - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HIGH TEMPERATURES. EXPOSURE TO ANY VISIBLE LIGHT SOURCES.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AND ACID AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OXIDES OF CARBON

HAZARDOUS POLYMERIZATION: IN LARGE QUANTITIES , MAY OCCUR.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
CLEAN UP RESIDUE AND PLACE IN AN APPROVED CONTAINER.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AT OR BELOW ROOM TEMPERATURE. DO NOT EXPOSE TO VISIBLE LIGHT. NO OTHER PRECAUTIONS.

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SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE

VENTILATION - LOCAL EXHAUST: NONE

SPECIAL:

MECHANICAL (GENERAL):

OTHER:

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: RECOMMENDED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

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