MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: General Dental Products, Inc.

REGULAR PHONE #: 1-775-289-4461

EMERGENCY TELEPHONE #: 1-775-289-4461

ADDRESS: 201 Ogden Avenue

CITY: Ely

STATE: Nevada

ZIP CODE: 89301-1688

TRADE NAME: Tru-Pak (IM) (Clear, Pink) Cement Powder

SYNONYMS: Stoelting Cement, Powder, Clear or Pink

II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT: Benzoyl Peroxide

HAZARD DATA: Less than 1%

OSHA TLV Limits of 5 mg/m3. The dust is a combustible explosion hazard. Benzoyl Peroxide decomposition occurs rapidly beyond 106-108 C.

III PHYSICAL DATA

BOILING POINT, 760MM HG: Not Applicable

MELTING POINT: Decomposes beyond 105 C.

SPECIFIC GRAVITY (H2O=1): Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY (AIR=1): Not Applicable

SOLUBILITY IN H2O, % BY WT.: Nil

% VOLATILES BY WT.: 0

EVAPORATION RATE (BUTYL ACETATE=1): Not Applicable

APPEARANCE AND ODOR: Clear or Pink Powder. Distinct Methyl Methacrylate odor.

IV FIRE AND EXPLOSION DATA
FLASH POINT (TEST METHOD): 

AUTOIGNITION TEMPERATURE:

FLAMMABLE LIMITS IN AIR, % BY VOL.: 
Not Applicable

LOWER: 
UPPER:

EXTINGUISHING MEDIA: Carbon Dioxide, Water Spray (preferred). Dry Chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Fight as any plastic fire. DO NOT disperse Acrylic dust into the air.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Same as any combustible dust. The Heat Cure Acrylic Powder is composed of 100% combustible material.

V HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA:

ROUTES OF EXPOSURE:

INHALATION: Actual exposure TLV of Benzoyl Peroxide is well below the inert dust value of 15 mg./m3.
SKIN CONTACT: Irritating as a dust only.
SKIN ABSORPTION: None.
EYE CONTACT: Irritating as a dust only. Flush with water for 15 minutes.
INGESTION: Not to be ingested. Only harmful ingredient is Benzoyl Peroxide.

EFFECTS OVEREXPOSURE:

ACUTE OVEREXPOSURE: Irritated or reddened skin.
CHRONIC OVEREXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Wash with water for 15 minutes, If irritated.
SKIN: Remove dust with soap and water.
INHALATION: Remove to fresh air, away from dust.
INGESTION: Very large quantities would have to be ingested.

NOTES TO PHYSICIAN: Call General Dental Products, Inc. at (775) 289-4461, immediately, for complete product information.

V I REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: Open flames applied to powder, or in non-exhausted rooms where dust is in the air.

HAZARDOUS DECOMPOSITION PRODUCTS: Methyl Methacrylate, Carbon Monoxide, Biphenyl, Depending upon conditions of heating and/or burning.

CONDITIONS TO HAZARDOUS POLYMERIZATION: None.

VII Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Sweep up with non-metallic tools to avoid a dust explosion.

NEUTRALIZING CHEMICALS: None necessary.

WASTE DISPOSAL METHOD: Incineration (preferred) or burial.

VIII Special Protection Information

VENTILATION REQUIREMENTS: Ventilation, under normal conditions of use, is unnecessary. In bulk quantities, Ventilation to reduce dust is necessary.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY (SPECIFY IN DETAIL): None necessary under normal conditions of use.

EYE: None necessary under normal conditions of use.

GLOVES: None necessary under normal conditions of use.

OTHER CLOTHING AND EQUIPMENT: No special clothing required.

IX Special Precautions

PRECAUTIONARY STATEMENTS: Handle Tru-Pak (TM) Clear, Pink Cemen Powder as any other combustible dust. Benzoyl Peroxide decomposes (in case of a fire) to yield Biphenyl. The TLV of Biphenyl is .2 ppm. (vapor), 1 mg./m3. particulate, as set by OSHA.
OTHER HANDLING AND STORAGE REQUIREMENTS: Store Tru-Pak (TM) Clear, Pink Cement Powder in light-proof containers only, to keep Benzoyl Peroxide from decomposition. Store room temperature to retain activity of Benzoyl Peroxide, and store away from any source of heat.

PREPARED BY: Quality Control Dept., General Dental Products, Inc.

ADDRESS: 201 Ogden Avenue, Ely, Nevada 89301-1888

DATE: August 15, 2000