

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PARKELL, INC.**  
155 Schmitt Blvd.  
Farmingdale, NY 11735

**Company Telephone Number: (631) 249-1134**  
**24-Hour Emergency Phone: InfoTrac 1-800-535-5053**

**PRODUCT NAME: ABSOLUTE DENTIN® (All Shades)**

**MSDS NO: S300, etc.**

## SECTION 2 – COMPOSITION INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	PEL	TLV	%
Uncured Methacrylate Ester Monomers	N/A	N/E	N/E	
Benzoyl Peroxide	94-36-0	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	
Other ingredients:				
Silane treated glass fillers, initiators and stablizers				

## SECTION 3 – HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW:

## POTENTIAL HEALTH EFFECTS

EYES: May cause irritation and damage if not removed promptly.  
SKIN: Prolonged or repeated exposure to uncured material may cause irritation or skin rash especially in sensitive individuals.  
INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.  
INGESTION: May be harmful if swallowed. Seek medical attention.  
CHRONIC EFFECTS:  
SIGNS & SYMPTOMS:  
CARCINOGENECITY: ☐ No NTP? ☐ No IARC MONOGRAPHS? ☐ No OSHA?

## SECTION 4 – FIRST-AID MEASURES

EYES: Flush with plenty of water. Contact physician.  
SKIN: Wash with soap and water.  
INHALATION: Remove to fresh air. If irritation persists, contact physician.  
INGESTION: Contact a physician immediately.

NOTE TO PHYSICIANS:

## SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (TCC): N/D FLAMMABLE LIMIT (air, % by vol.) UPPER: N/D LOWER: N/D  
FLAMMABILITY CLASSIFICATION (CFR 1910.1200):  
EXTINGUISHING MEDIA: Chemical Foam, CO<sub>2</sub>, Dry Chemical  
FIRE FIGHTING INSTRUCTIONS: Wear Self Contained Breathing Apparatus.  
UNUSUAL FIRE & EXPLOSION Heat can cause polymerization with rapid release of energy.  
HAZARDS:  
HAZARDOUS COMBUSTION PRODUCTS:

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Absorb spills with inert material; keep spilled material in closed containers and dispose of as recommended. Avoid skin contact. Wear protective equipment.

## SECTION 7 – HANDLING AND STORAGE

HANDLING: Avoid skin contact. Wear protective equipment.  
STORAGE: Store in a cool, dry place away from heat, sunlight, oxidizing, reducing agents and ignition sources.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate ventilation to maintain PEL.  
EYE/FACE PROTECTION: Safety glasses or goggles.  
SKIN: Gloves - latex or other impervious rubber material.  
PROTECTION:  
RESPIRATORY PROTECTION: Use in a well ventilated area.  
EXPOSURE GUIDELINES:

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Colored paste with mild fruity ester-like odor.  
BOILING POINT: N/D SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 2.0

VAPOR PRESSURE: Not Determined  
VAPOR DENSITY (Air = 1): Not Determined  
SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILES:  
EVAPORATION RATE (Butyl Acetate = 1):  
PH:

**SECTION 10 – STABILITY AND REACTIVITY**

STABILITY: Stable if stored as directed      HAZARDOUS POLYMERIZATION: Will not occur when using clinical amounts of this material.

CONDITIONS TO AVOID: Heat, sunlight, aging and contamination  
INCOMPATIBILITY (Materials to avoid): Oxidizing agents, reducing agents, peroxides and free radical initiators.  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

**SECTION 11 – TOXICOLOGICAL INFORMATION****SECTION 12 – ECOLOGICAL INFORMATION****SECTION 13 – DISPOSABLE CONSIDERATIONS**

Unpolymerized (uncured) material may be RCRA hazardous waste. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

**SECTION 14 – TRANSPORT INFORMATION (not meant to be all-inclusive)**

PROPER SHIPPING NAME: N/A  
DOT HAZARD LABEL: UN/NA NUMBER:

**SECTION 15 – REGULATORY INFORMATION (not meant to be all-inclusive)****SECTION 16 – OTHER INFORMATION**

HMIS CODES: HEALTH - 2 FLAMMABILITY - 1 REACTIVITY - 2  
WORK/HYGIENIC PRACTICES: Handle in accordance with good personal hygiene and safety practices. These practices include; avoid unnecessary exposure and wash hands before eating, drinking or smoking.

DATE PREPARED: 02/14/02 PREPARED BY: R. Burke

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