

SAFETY DATA SHEETS

This SDS packet was issued with item:

075533575

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

075533518 075533559 273000153 273012574

MATERIAL SAFETY DATA SHEET	PARKELL, INC. 155 SCHMITT BLVD. FARMINGDALE, NY 11735 631-249-1134	24-HOUR EMERGENCY TELEPHONE 1-800-535-5053
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: C&B METABOND POWDERS **MSDS NO:** S396 VAR.

SECTION 2 – COMPOSITION INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NUMBER</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Polymethylmethacrylate (PMMA)	9011-74-7			
Metal Oxide	1314-23-4			

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH

EFFECTS

EYES: Can cause irritation due to physical contact.

SKIN: Practically negligible.

INHALATION: Mist inhalation can cause coughing.

INGESTION: Practically negligible.

CHRONIC EFFECTS:

SIGNS & SYMPTOMS:

CARCINOGENECITY: No NTP? No IARCMONOGRAPHS? No OSHA?

SECTION 4 – FIRST-AID MEASURES

INHALATION: Although no adverse effects anticipated by breathing during proper handling, if breathing difficult give oxygen and get medical attention.

EYES: Immediately flush with flowing water for 15 minutes. If redness, itching or a burning sensation develops, get medical attention.

SKIN: Wash material off with water.

INGESTION: Normally no treatment

required. NOTE TO PHYSICIANS:

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (TCC): None FLAMMABLE LIMIT (air, % by vol.) UPPER: NA LOWER: NA
NA FLAMMABILITY CLASSIFICATION

(CFR 1910.1200):

EXTINGUISHING MEDIA: Water fog, foam, dry chemical or carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: During emergency conditions, to prevent overexposure to thermal decomposition products, self-contained breathing apparatus should be worn.

UNUSUAL FIRE & EXPLOSION HAZARDS:

HAZARDOUS COMBUSTION PRODUCTS: Toxic gases such as carbon monoxide may be released in a fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

In case material is released or spilled, sweep into container for disposal.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Observe normal warehouse handling procedures.

STORAGE: Store in a cool, dry and dark place. Store away from other materials which may cause cross-contamination.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Eye wash station near work

area. EYE/FACE PROTECTION: Use safety glasses

SKIN PROTECTION: Use rubber or PVC gloves to prevent skin contact.

RESPIRATORY PROTECTION: None normally needed.
EXPOSURE GUIDELINES:

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Tan powder.		
BOILING POINT:	NA	SPECIFIC GRAVITY (H ₂ O = 1):	1.96
VAPOR PRESSURE:	NA	PERCENT VOLATILES:	NA
VAPOR DENSITY (Air = 1):	NA	EVAPORATION RATE (Butyl Acetate = 1):	NA
SOLUBILITY IN WATER:	Nil	PH:	

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID:
INCOMPATIBILITY (Materials to avoid): None
HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 11 – TOXICOLOGICAL INFORMATION

SECTION 12 – ECOLOGICAL INFORMATION

SECTION 13 – DISPOSABLE CONSIDERATIONS

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: Non-hazardous
DOT HAZARD LABEL: UN/NA NUMBER:

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

SECTION 16 – OTHER INFORMATION

NFPA CODES: HEALTH - FLAMMABILITY - REACTIVITY -

WORK/HYGIENIC PRACTICES: Wash hands before eating, drinking or smoking.

DATE PREPARED: 06/25/04 PREPARED BY: R. Burke

To the best of our knowledge, the information on this MSDS sheet is accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness or completeness. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This information is not warranted to be whether originating with the company or not.

ORDER TOLL-FREE USA & CANADA
1-800-243-7446
(Outside USA & Canada, 631-249-1134 • Fax: 631-249-1242)



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CAUTION: Federal Law restricts this device to sale by or on the order of a properly licensed practitioner.

parkell *inc.*

INSTRUCTIONS FOR USE C&B-METABOND® ADHESIVE CEMENT

**SEE BACK PAGES FOR
MSDS INFORMATION**
(All ingredients listed on MSDS sheets)

DEVICE DESCRIPTION:

An adhesive cement that bonds to tooth structure, metals, resins and (when used with Parkell's Etch-Free™ porcelain liner) unetched ceramic surfaces.

INTENDED USE/INDICATIONS:

Cementation of low-retention cast crowns, inlays, onlays, endodontic posts, and resin-bonded bridges ... emergency reattachment of fractured teeth ... repairs of porcelain popoffs ... adhesive pulp caps of small exposures.

CONTRAINDICATIONS:

Not for use on or by persons who have a methacrylate sensitivity.

PRECAUTIONS:

Caution: Do not use C&B-Metabond® on surfaces that have been contaminated with eugenol (ZOE, etc.) as it will inhibit setting.

Caution: Prior application of Pain-Free™, varnishes or liners (copal varnish, Ca(OH)₂ or glass ionomer) is not recommended, as it will reduce or prevent adhesion.

Caution: Do not mix the adhesive while it is warm. C&B-Metabond begins setting rapidly. To prevent premature setting, always mix in the chilled porcelain dish.

Caution: Prevent contamination of surfaces being bonded. Whenever possible, use a rubber dam.

INDIVIDUALIZATION OF TREATMENT:

C&B-Metabond creates extremely high bond strengths that make recovery of the restoration difficult. It should not be used for cementing any restoration where there is a likelihood that removal will be necessary.

CONFORMANCE TO STANDARDS:

Parkell's quality system is certified to ISO 9001/ISO 13485.

HOW SUPPLIED:

C&B-Metabond may be purchased as a kit or individual components

- **C&B-Metabond Kit** - Stock No. S380
Contains Enamel Etchant, 2 Dentin

Activator (Blue and Green), Safety Management, www.parkell.com (877) 668-7460

Radiopaque Tooth-Shade Powder, C&B-Metabond Quick Base, Universal Catalyst and Ceramic Mixing Dish with thermometer.

Components (cap color):

- **Enamel Etchant (White)** - Stock No. S395, (5ml)
- **Dentin Activator Liquid (Green)** - Stock No. S393, (5ml)
- **Dentin Activator Gel (Brown)** - Stock No. S394
- **Clear L-Powder (Violet)** - Stock No. S399, (3g)
- **Radiopaque Tooth-Shade L-Powder (Green)** - Stock No. S396, (3g)
- **C&B-Metabond Quick Base (Blue)** - Stock No. S398, (10ml)
- **Catalyst Gold Label** - Stock No. S371, (0.7ml)

Purchase Separately

- **Etch-Free Kit** - Stock No. S390 (Proven effective with Parkell's C&B-Metabond and TotalBond cements). Contains Etch-Free Base and Catalyst. An adhesive primer that allows C&B-Metabond to adhere directly to unetched ceramic surfaces. Eliminates the need for hydrofluoric acid.

- **TotalBond™ MTL-V Primer** - Stock No. S413 (Proven effective with Parkell's C&B-Metabond and TotalBond cements). An adhesive primer that improves the stability of the bond to high-noble alloys in demanding applications. Eliminates need to tin-plate.

- **BluSep™** - Stock No. S385

A brush-on separating film that prevents C&B-Metabond and TotalBond from bonding to the exterior of the crown, adjacent teeth, gingiva, etc. Water-soluble so it can be washed off after use. Easily visible blue color.

CATALYST SYRINGE / CLEAN THE TIP AND RECAP IMMEDIATELY AFTER USE:

Prolonged exposure to air will degrade the catalyst. Immediately after each use, wipe the syringe tip with a paper towel to remove excess material. Then recap. Clogs can be easily

(continued)