

Fax #



# Pac-Dent International, Inc.

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## Material Safety Data Sheet

### Section I

- 1.1 Product Trade Name: Rite-Bond / All purpose Bonding Agent / **Pack Bond**
- 1.2 Catalog Number: 148-3007 / 148-1107 / Others
- 1.3 Division Name: Rite-Dent Manufacturing Corporation
- 1.4 Address: 3760 East 10<sup>th</sup> Court, Hialeah, FL 33013
- 1.5 Emergency Phone Number: (305) 467-6421
- 1.6 Phone for Information: (305) 693-8626
- 1.7 Fax Number: (305) 693-8830
- 1.8 E-mail: [info@ritedent.com](mailto:info@ritedent.com)
- 1.9 Data Sheet Last Revised: February 16<sup>th</sup>, 2010

### Section II - Hazardous Ingredients/Identify Information

<u>Hazardous Component</u>	<u>OSHA</u>	<u>ACGIH/TLV</u>	<u>Other Limits</u>
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- oNone Listed
- oNo significant hazards to man or the environment are reasonably foreseen.

### Section III - Physical & Chemical Characteristics

- |  |           |  |       |
|--|-----------|--|-------|
| 3.1 Boiling Point  | N. A.     | 3.6 Specific Gravity (H2O=1)           | - 1   |
| 3.2 Vapor Pressure   | N. A.     | 3.7 Melting Point                      | N. A. |
| 3.3 Vapor Density  | N. A.     | 3.8 Evaporation Rate (Butyl Acetate=1) | N. A. |
| 3.4 Solubility in Water  | Insoluble | 3.9 pH                                 | N. A. |
| 3.5 Appearance and Odor: Clear liquid with slight acrylic odor |           |  |       |

### Section IV - Fire & Explosion Hazard Data

- 4.1 Flash Point (Method Used): :N. A.
- 4.2 Flammability (Explosive Limits) :No  
L.E.L.: N. A. U.E.L.: N. A.
- 4.3 Extinguishing Media : None specified
- 4.4 Specific Fire Fighting Procedures : None
- 4.5 Unusual fire and explosion hazards: Not known as to date.
- 4.6 Vapor Density (Air=1) : > 1
- 4.7 Vapor Pressure (mm HG) : Negligible in room temperatures

### Section V - Reactivity Data

- 5.1 Stability Stable  Unstable
- 5.2 Conditions to avoid (stability): Avoid exposure to light
- 5.3 Incompatibility (materials to avoid): None
- 5.4 Hazardous decomposition or byproducts: None
- 5.5 Hazardous polymerization Will not occur  Will occur
- 5.6 Conditions to avoid (Polymerization): Avoid exposure to light and temperature above 80°F



#### Section VI – Health Hazard Data

6.1 Route of entry: Inhalation: No harm anticipated    Skin: Wash with soap and water  
Ingestion: Induce vomiting if large amount of material is swallowed  
Eye Contact: Flush with copious amounts of water

#### Section VII – Precautions for safe handling and use

7.1 Steps to be taken in case material is released or spilled: Clean up using gloves and dispose of in approved manner. Avoid contact with skin and eyes. Wash hands with soap and water if contact occurs.  
7.2 Waste disposal methods: Dispose of in accordance to Federal, State, and Local laws.  
7.3 Precautions to be taken in handling and storing: Store at temperatures not exceeding 75°F (24°C).  
7.4 Other precautions: Avoid exposure to moisture and light.  
7.5 UN Classification: Not applicable  
7.6 Identification: Not applicable  
7.7 Special Provisions for Transport: Avoid elevated temperatures and high intensity light

#### Section VIII – Toxicological Information

8.1 Potential Acute Health Effects: Possibility of skin irritation or sensitization if not washed off promptly.  
8.2 Potential Chronic Health Effects: Possibility of skin sensitization or irritation upon prolonged or repeated exposure.  
8.3 Signs and Symptoms of Exposure: Skin/eye irritation  
8.4 Medical Conditions Generally Aggravated by Exposure: None to Date  
8.5 Carcinogenic or Potential Carcinogenic Effects: No ingredient listed as a carcinogen  
8.6 Other Potential Health Effects: None known

This certifies that the batch meets all design specifications. It is further certified that this material was manufactured under strict adherence to cGMP.

*U.S. FDA Dental Device: Class II Product    EC Medical Device Directive: Class IIa Product*

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.