



## SAFETY DATA SHEET

WATERPIK BARRIER® DENTIN SEALANT

Date of issue: 9/21/2015

PRODUCT CODE(S): 042300-000 and 042305-000

Revision Date: 10/02/2017

### SECTION 1: IDENTIFICATION

**PRODUCT NAME:** Waterpik Barrier® Dentin Sealant

**COMMON OR CHEMICAL NAME:** Dentin Sealant

**RECOMMENDED USE:** Dental Material

**RESPONSIBLE PARTY:**

Water Pik, Inc.  
1730 East Prospect Road  
Fort Collins, CO 80553-0001  
USA  
800/525-2020 (8 am – 4 pm MST)

**EMERGENCY TELEPHONE NUMBER:** 800/424-9300 (24 Hr: CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

**Hazard Classification:** For potential health hazards: See Section 11 below.

No significant hazards to man or the environment are reasonably foreseen.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Name/Common Name:** Dentin Sealant

**Product Contents:** 10g Barrier Dentin Sealant Bottle

**Hazardous Ingredients:** Hexane & Isopropanol (see below).

**Formulation represents a trade secret mixture.**

**Hexane**

Proper Shipping Name: Hexanes  
CAS: 110-54-3  
UN Designation: UN1208  
Class: 3, Flammable Liquid  
Packing Group: II

**HAZARDOUS DATA**

4 - Extreme  
3 - High  
2 - Moderate  
1 - Slight  
0 - Insignificant

**HAZARDOUS DATA:**

Health: 1  
Flammability: 3  
Reactivity: 0

**Isopropanol**

Proper Shipping Name: Isopropanol  
CAS: 67-63-0  
UN Designation: UN1208  
Class: 3, Flammable Liquid  
Packing Group: II

**HAZARDOUS DATA**

4 - Extreme  
3 - High  
2 - Moderate  
1 - Slight  
0 - Insignificant

**HAZARDOUS DATA:**

Health: 1  
Flammability: 3  
Reactivity: 0

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If necessary, artificial respiration or oxygen should be administered by qualified personnel.

**Skin Contact:** Remove contaminated clothing, wash affected areas with soap and water.

**Eye Contact:** Flush with copious amounts of water. Seek medical attention.

**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

**SECTION 5: FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** CO2, dry chemical or universal foam.

**Extinguishing Media which should not be used:** None known.

**Special exposure hazards from combustion products:** This material is highly flammable. It might be ignited by heat, sparks or static electricity. It may explode in heat or fire.

**Special protective equipment for fire fighters:** The use of SCBA is recommended. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions and Emergency Procedures:** Keep away from heat, sparks and flame. Avoid breathing vapor. Do not get in eyes and keep container closed. Use adequate ventilation and wash thoroughly after handling.

**Environmental Precautions and Methods for Containment:** Dispose of in accordance with local, state, and federal regulations.

**Methods for Cleaning Up:** Wipe up with soap, water and paper towels. Dispose of in accordance with local, state, and federal regulations.

**SECTION 7: HANDLING AND STORAGE**

**Handling Precautions:** Keep away from sources of sparks, open flame, oxidizing agents, or isocyanates.

**Safe Storage Conditions:** Store in cool environment and in well-sealed containers only.

**Other Restrictions or Recommendations:** None.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**OSHA Permissible Exposure Limits:** Not established.

**Respiratory Protection & Ventilation:** Wear mask and use in areas with adequate ventilation.

**Protective Clothing or Equipment:** Use gloves, goggles, and aprons or suits when handling large quantities.

**Unusual Work/Hygienic Practices:** Keep away from heat, sparks and flame. Avoid breathing vapor and do not get into eyes. Keep container closed and use with adequate ventilation. Wash thoroughly after handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (physical state, color, etc.):** Yellow liquid, low viscosity.

**Odor:** Characteristic, mild.

**Odor threshold:** Not established.

**pH:** Not applicable.

**Melting point/freezing point:** Not applicable.

**Initial boiling point and boiling range:** 146°F (63°C).

**Flash point:** 83°F (28°C)

**Evaporating rate:** Not established.

**Flammability (solid, gas):** Yes.

**Upper/Lower flammability or explosive limits:** Lower: 1 Upper: 8

**Vapor pressure:** Not applicable.

**Vapor density:** Heavier.

**Relative density:** ca 0.9

**Solubility (ies):** Partially soluble in water.

**Partition coefficient: n-octanol/water:** Not established.

**Auto-ignition temperature:** Not applicable.

**Decomposition temperature:** Not established.

**Viscosity:** Not established.

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Conditions of Instability:** Heat, exposure to sparks and open flame.

**Incompatibility or Reactivity with Various Substances:** Oxidizing agents, strong acids.

**Hazardous Decomposition Products:** Carbon oxide and carbon dioxide.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Heat, exposure to sparks and open flame.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Potential Acute Health Effects:** Mucous membrane irritation, headaches.

**Potential Chronic Health Effects:** Skin sensitization upon prolonged or repetitive exposure.

**Signs and Symptoms of Exposure:** Headaches, skin/eye irritation.

**Medical Conditions Generally Aggravated by Exposure:** History of skin sensitization.

**Carcinogenic or Potential Carcinogenic Effects:** No ingredient listed as carcinogen.

**Other Potential Health Effects:** None known.

**SECTION 12: ECOLOGICAL INFORMATION**

No ecological damage or impact anticipated when handled as indicated.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Dispose of in accordance with local, state, and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

*In accordance with DOT, IMDG, and IATA.*

**Proper Shipping Name:** FLAMMABLE LIQUID N.O.S. (contains Isopropanol and Hexane), III, 3

**SECTION 15: REGULATORY INFORMATION**

**U.S. FDA Dental Device:** Class II product

**EC Medical Device Directive:** Class IIa product

**SECTION 16: OTHER INFORMATION**

*The information set forth herein has been prepared with reasonable care and is based on data currently available that Water Pik, Inc. believes to be reliable. However, we make no representation or warranties, expressed or implied of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein or the product to which the information refers. In no event will Water Pik, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein and we assume no liability resulting from its use or regarding the suitability of this information for the user's intended purposes or for the consequences of its use. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Water Pik, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Water Pik, Inc. has been advised of the possibility of such damages. The user assumes the risk in the use of this material.*