Version: 1.0

#### **SECTION 1: IDENTIFICATION**

<u>Product Identifier</u> <u>Product Form: Mixture</u>

**Product Name: OPOTOW® TEMPORARY CEMENT** 

Product Code: 052117-000 Intended Use of the Product

Designed for luting of cast crowns and bridges on a semi-permanent basis as well as for temporary cementation of provisional restorations where prolonged evaluation is required. For professional dental use only.

#### Name, Address, and Telephone of the Responsible Party

Company

Water Pik, Inc.

1730 East Prospect Road Fort Collins, CO 80553-0001 800/525-2020 (8 am- 4pm MST) **Emergency Telephone Number** 

Emergency Number : 800/424-9300 (24 Hr: CHEMTREC)

#### **SECTION 2: HAZARDS IDENTIFICATION**

#### **Classification of the Substance or Mixture**

#### Classification (GHS-US)

Eye Irrit. 2A H319 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

Label Elements
GHS-US Labeling

Hazard Pictograms (GHS-US)





Signal Word (GHS-US) : Warning

**Hazard Statements (GHS-US)** : H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation. H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

**Precautionary Statements (GHS-US)** : P261 - Avoid breathing vapors, mist, spray.

P264 - Wash hands, forearms, and exposed areas thoroughly after handling. P272 - Contaminated work clothing must not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective clothing, protective gloves, eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents/container in accordance with local, regional, national,

territorial, provincial, and international regulations.

EN (English US)

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

<u>Other Hazards</u> Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. If heated to the point of fume generation, zinc fumes may cause metal fume fever. Otherwise, zinc is non-toxic.

Unknown Acute Toxicity (GHS-US) Not available

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

Part A

Name	Product Identifier	% (w/w)	Classification (GHS-US)	
Zinc oxide	(CAS No) 1314-13-2	60 - 100	Aquatic Acute 1, H400	
			Aquatic Chronic 1, H410	
Castor oil	(CAS No) 8001-79-4	10 - 30	Not classified	
Paraffin oils	(CAS No) 8012-95-1	1 - 5	Asp. Tox. 1, H304	
			Aquatic Chronic 4, H413	

#### Part B

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Eugenol	(CAS No) 97-53-0	10 - 30	Acute Tox. 4 (Oral), H302
			Eye Irrit. 2A, H319
			Skin Sens. 1, H317
Castor oil	(CAS No) 8001-79-4	5 - 10	Not classified
Butyl acetyl ricinoleate	(CAS No) 140-04-5	5 - 10	Not classified
Acetic acid	(CAS No) 64-19-7	0.1 - 1	Flam. Liq. 3, H226
			Skin Corr. 1A, H314
			Eye Dam. 1, H318
			Aquatic Acute 3, H402

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

#### **Description of First Aid Measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes irritation. Exposure may produce an allergic reaction.

**Inhalation:** May cause respiratory irritation. **Skin Contact:** May cause an allergic skin reaction.

Eye Contact: Redness, pain.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

#### **SECTION 5: FIRE-FIGHTING MEASURES**

#### **Extinguishing Media**

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Use of heavy stream of water may spread fire.

#### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Product is not flammable. **Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions are unlikely to occur under normal circumstances.

EN (English US) 2/10

#### Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

#### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. **Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Combustion produces irritating gases and vapors. Oxides of zinc and carbon.

#### **Reference to Other Sections**

Refer to section 9 for flammability properties.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not allow product to spread into the environment. Avoid all unnecessary exposure.

#### For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

Protective Equipment: Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

#### **Environmental Precautions**

Avoid release to the environment. Contact competent authorities after a spill.

#### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Collect spillage. Keep in suitable, closed containers for disposal. Notify authorities if product enters sewers or public waters.

#### **Reference to Other Sections**

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

#### **SECTION 7: HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### **Conditions for Safe Storage, Including Any Incompatibilities**

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Specific End Use(s)** Designed for luting of cast crowns and bridges on a semi-permanent basis as well as for temporary cementation of provisional restorations where prolonged evaluation is required. For professional dental use only.

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

#### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

Paraffin oils (8012-95-1)		
Mexico	OEL TWA (mg/m³)	5 mg/m³
Mexico	OEL STEL (mg/m³)	10 mg/m³
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³ (excluding metal working fluids, highly & severely
		refined-inhalable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³
USA NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³
USA NIOSH	NIOSH REL (STEL) (mg/m³)	10 mg/m³
USA IDLH	US IDLH (mg/m³)	2500 mg/m³
Alberta	OEL STEL (mg/m³)	10 mg/m³
Alberta	OEL TWA (mg/m³)	5 mg/m³
British Columbia	OEL TWA (mg/m³)	0.2 mg/m³ (mildly refined)

EN (English US) 3/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

ManitobaOEL TWA (mg/m³)5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)New BrunswickOEL STEL (mg/m³)10 mg/m³New BrunswickOEL TWA (mg/m³)5 mg/m³ (as sampled by a method that does no vapor)Newfoundland & LabradorOEL TWA (mg/m³)5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)Nova ScotiaOEL TWA (mg/m³)5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)NunavutOEL STEL (mg/m³)10 mg/m³NunavutOEL TWA (mg/m³)5 mg/m³	collect & severely
New Brunswick       OEL STEL (mg/m³)       10 mg/m³         New Brunswick       OEL TWA (mg/m³)       5 mg/m³ (as sampled by a method that does no vapor)         Newfoundland & Labrador       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nova Scotia       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nunavut       OEL STEL (mg/m³)       10 mg/m³	& severely
New Brunswick       OEL TWA (mg/m³)       5 mg/m³ (as sampled by a method that does no vapor)         Newfoundland & Labrador       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nova Scotia       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nunavut       OEL STEL (mg/m³)       10 mg/m³	& severely
Newfoundland & Labrador       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nova Scotia       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nunavut       OEL STEL (mg/m³)       10 mg/m³	& severely
Newfoundland & Labrador       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nova Scotia       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nunavut       OEL STEL (mg/m³)       10 mg/m³	
refined-inhalable fraction)  Nova Scotia OEL TWA (mg/m³) 5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)  Nunavut OEL STEL (mg/m³) 10 mg/m³	
Nova Scotia       OEL TWA (mg/m³)       5 mg/m³ (excluding metal working fluids, highly refined-inhalable fraction)         Nunavut       OEL STEL (mg/m³)       10 mg/m³	& severely
refined-inhalable fraction)  Nunavut  OEL STEL (mg/m³)  10 mg/m³	
Nunavut OEL STEL (mg/m³) 10 mg/m³	
1 5 7	
Northwest Territories OEL STEL (mg/m³) 10 mg/m³	
Northwest Territories OEL TWA (mg/m³) 5 mg/m³	
Ontario  OEL TWA (mg/m³)  5 mg/m³ (pure, highly and severely refined, excl	uding
metal working fluids-inhalable)	ading
Prince Edward Island OEL TWA (mg/m³) 5 mg/m³ (excluding metal working fluids, highly	& severely
refined-inhalable fraction)	a
Québec VECD (mg/m³) 10 mg/m³ (mist)	
Québec VEMP (mg/m³) 5 mg/m³ (mist)	
Saskatchewan OEL STEL (mg/m³) 10 mg/m³	
Saskatchewan OEL TWA (mg/m³) 5 mg/m³	
Yukon OEL STEL (mg/m³) 10 mg/m³	
Yukon OEL TWA (mg/m³) 5 mg/m³	
Zinc oxide (1314-13-2)	
Mexico OEL TWA (mg/m³) 5 mg/m³ (fume)	
10 mg/m³ (dust)	
Mexico OEL STEL (mg/m³) 10 mg/m³ (fume)	
USA ACGIH ACGIH TWA (mg/m³) 2 mg/m³ (respirable fraction)	
USA ACGIH  ACGIH STEL (mg/m³)  10 mg/m³ (respirable fraction)	
USA OSHA OSHA PEL (TWA) (mg/m³) 5 mg/m³ (fume)	
15 mg/m³ (total dust)	
5 mg/m³ (respirable fraction)	
USA NIOSH NIOSH REL (TWA) (mg/m³) 5 mg/m³ (dust and fume)	
USA NIOSH NIOSH REL (STEL) (mg/m³) 10 mg/m³ (fume)	
USA NIOSH NIOSH REL (ceiling) (mg/m³) 15 mg/m³ (dust)	
USA IDLH US IDLH (mg/m³) 500 mg/m³	
Alberta OEL STEL (mg/m³) 10 mg/m³ (respirable)	
Alberta OEL TWA (mg/m³) 2 mg/m³ (respirable)	
British Columbia OEL STEL (mg/m³) 10 mg/m³ (respirable)	
<b>British Columbia</b> OEL TWA (mg/m³) 2 mg/m³ (respirable)	
ManitobaOEL STEL (mg/m³)10 mg/m³ (respirable fraction)	
ManitobaOEL TWA (mg/m³)2 mg/m³ (respirable fraction)	
New Brunswick OEL STEL (mg/m³) 10 mg/m³ (fume)	
New BrunswickOEL TWA (mg/m³)10 mg/m³ (particulate matter containing no Asb	estos and
<1% Crystalline silica, dust)	
Newfoundland & LabradorOEL STEL (mg/m³)10 mg/m³ (respirable fraction)	
Newfoundland & LabradorOEL TWA (mg/m³)2 mg/m³ (respirable fraction)	
Nova Scotia OEL STEL (mg/m³) 10 mg/m³ (respirable fraction)	
Nova Scotia OEL TWA (mg/m³) 2 mg/m³ (respirable fraction)	
Nunavut OEL STEL (mg/m³) 10 mg/m³ (fume)	
Nunavut OEL TWA (mg/m³) 5 mg/m³ (fume)	
Northwest Territories OEL STEL (mg/m³) 10 mg/m³ (fume)	

EN (English US) 4/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

	7, No. 58 / Monday, March 26, 2012 / Rules And Regu	
Northwest Territories	OEL TWA (mg/m³)	5 mg/m³ (fume)
Ontario	OEL STEL (mg/m³)	10 mg/m³ (respirable)
Ontario	OEL TWA (mg/m³)	2 mg/m³ (respirable)
Prince Edward Island	OEL STEL (mg/m³)	10 mg/m³ (respirable fraction)
Prince Edward Island	OEL TWA (mg/m³)	2 mg/m³ (respirable fraction)
Québec	VECD (mg/m³)	10 mg/m³ (fume)
Québec	VEMP (mg/m³)	10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust)
Cookatahawan	OEL STEL (mg/m³)	10 mg/m³ (dust and fume, respirable fraction)
Saskatchewan Saskatchewan	OEL TWA (mg/m³)	
	, , ,	2 mg/m³ (dust and fume, respirable fraction)
Yukon	OEL STEL (mg/m³)	10 mg/m³ (fume)
Yukon	OEL TWA (mg/m³)	5 mg/m³ (fume)
Acetic acid (64-19-7)		
Mexico	OEL TWA (mg/m³)	25 mg/m³
Mexico	OEL TWA (ppm)	10 ppm
Mexico	OEL STEL (mg/m³)	37 mg/m³
Mexico	OEL STEL (ppm)	15 ppm
USA ACGIH	ACGIH TWA (ppm)	10 ppm
USA ACGIH	ACGIH STEL (ppm)	15 ppm
USA OSHA	OSHA PEL (TWA) (mg/m³)	25 mg/m³
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m³)	25 mg/m³
USA NIOSH	NIOSH REL (TWA) (ppm)	10 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m³)	37 mg/m³
USA NIOSH	NIOSH REL (STEL) (ppm)	15 ppm
USA IDLH	US IDLH (ppm)	50 ppm
Alberta	OEL STEL (mg/m³)	37 mg/m³
Alberta	OEL STEL (ppm)	15 ppm
Alberta	OEL TWA (mg/m³)	25 mg/m³
Alberta	OEL TWA (ppm)	10 ppm
British Columbia	OEL STEL (ppm)	15 ppm
British Columbia	OEL TWA (ppm)	10 ppm
Manitoba	OEL STEL (ppm)	15 ppm
Manitoba	OEL TWA (ppm)	10 ppm
New Brunswick	OEL STEL (mg/m³)	37 mg/m <sup>3</sup>
New Brunswick	OEL STEL (ppm)	15 ppm
New Brunswick	OEL TWA (mg/m³)	25 mg/m³
New Brunswick	OEL TWA (ppm)	10 ppm
Newfoundland & Labrador	OEL STEL (ppm)	15 ppm
Newfoundland & Labrador	OEL TWA (ppm)	10 ppm
Nova Scotia	OEL STEL (ppm)	15 ppm
Nova Scotia	OEL TWA (ppm)	10 ppm
Nunavut	OEL STEL (mg/m³)	39 mg/m³
Nunavut	OEL STEL (ppm)	15 ppm
Nunavut	OEL TWA (mg/m³)	26 mg/m³
Nunavut	OEL TWA (ppm)	10 ppm
Northwest Territories	OEL STEL (mg/m³)	39 mg/m³
Northwest Territories	OEL STEL (ppm)	15 ppm
Northwest Territories	OEL TWA (mg/m³)	26 mg/m³
Northwest Territories	OEL TWA (ppm)	10 ppm
Ontario	OEL STEL (ppm)	15 ppm
	11 7	

EN (English US) 5/10

#### Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Ontario	OEL TWA (ppm)	10 ppm
Prince Edward Island	OEL STEL (ppm)	15 ppm
Prince Edward Island	OEL TWA (ppm)	10 ppm
Québec	VECD (mg/m³)	37 mg/m³
Québec	VECD (ppm)	15 ppm
Québec	VEMP (mg/m³)	25 mg/m³
Québec	VEMP (ppm)	10 ppm
Saskatchewan	OEL STEL (ppm)	15 ppm
Saskatchewan	OEL TWA (ppm)	10 ppm
Yukon	OEL STEL (mg/m³)	43 mg/m³
Yukon	OEL STEL (ppm)	25 ppm
Yukon	OEL TWA (mg/m³)	25 mg/m³
Yukon	OEL TWA (ppm)	10 ppm

#### **Exposure Controls**

**Appropriate Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Protective clothing. Gloves. Protective goggles.







Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical safety goggles.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should

be worn.

Other Information: When using, do not eat, drink or smoke.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<u>Information on Basic Physical and Chemical Properties</u>

Physical State : Liquid

Appearance : A two part mixture, tan-colored
Odor : Clove-like

Odor Threshold : Not available pH : Not available Evaporation Rate : Not available Melting Point : Not available Freezing Point : Not available Boiling Point : Not available Boiling Point : Not available

Flash Point : 350 °F (176.67 °C) open cup

Auto-ignition Temperature : Not available
Decomposition Temperature : Not available
Flammability (solid, gas) : Not available
Lower Flammable Limit : Not available
Upper Flammable Limit : Not available
Vapor Pressure : Not available
Relative Vapor Density at 20 °C : Not available

Specific Gravity : 1-3

**Solubility** : Not soluble in water

Partition Coefficient: N-Octanol/Water: Not availableViscosity: Not available

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact. Explosion Data – Sensitivity to Static Discharge : Not expected to present an explosion hazard due to static discharge.

EN (English US) 6/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

#### **SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** Hazardous reactions are unlikely to occur under normal circumstances.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, open flames, sources of ignition and incompatible

materials.

**Incompatible Materials:** Strong oxidizers.

Hazardous Decomposition Products: None known.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **Information on Toxicological Effects - Product**

Acute Toxicity: Not classified LD50 and LC50 Data: Not available Skin Corrosion/Irritation: Not classified

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

**Teratogenicity:** Not available **Carcinogenicity:** Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation. **Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Redness, pain.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

#### Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

EDJO and ECJO Data.		
Paraffin oils (8012-95-1)		
LC50 Inhalation Rat	2062 ppm/4h	
Zinc oxide (1314-13-2)		
LD50 Oral Rat	> 5000 mg/kg	
LD50 Dermal Rat	> 2000 mg/kg	
Eugenol (97-53-0)		
LD50 Oral Rat	1930 mg/kg	
Acetic acid (64-19-7)		
LD50 Oral Rat	3310 mg/kg	
Eugenol (97-53-0)		
IARC Group	3	

### **SECTION 12: ECOLOGICAL INFORMATION**

## **Toxicity**

**Ecology - General:** Very toxic to aquatic life with long lasting effects.

Zinc oxide (1314-13-2)	
LC50 Fish 1	780 μg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	0.122 mg/l
NOEC chronic fish	0.026 mg/l (Species: Jordanella floridae)
Acetic acid (64-19-7)	
LC50 Fish 1	79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC 50 Fish 2	75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

EN (English US) 7/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Persistence and Degradability Not established. May cause long-term adverse effects in the environment.

#### **Bioaccumulative Potential**

OPOTOW® TEMPORARY CEMENT	
Bioaccumulative Potential Not established.	
Acetic acid (64-19-7)	
Log Pow -0.31 (at 20 °C)	

Mobility in Soil Not available

**Other Adverse Effects** 

Other Information: Avoid release to the environment.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology – Waste Materials: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

#### **SECTION 14: TRANSPORT INFORMATION**

#### In Accordance with DOT

Not regulated for transport

#### In Accordance with IMDG

Not regulated for transport

#### In Accordance with IATA

Not regulated for transport

#### **SECTION 15: REGULATORY INFORMATION**

<u>US Federal Regulations</u>		
OPOTOW® TEMPORARY CEMENT		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
Castor oil (8001-79-4)		
Listed on the United States TSCA (Toxic Substances C	ontrol Act) inventory	
Paraffin oils (8012-95-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Zinc oxide (1314-13-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Butyl acetyl ricinoleate (140-04-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		

## Eugenol (97-53-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Acetic acid (64-19-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **US State Regulations**

#### Paraffin oils (8012-95-1)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Zinc oxide (1314-13-2)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

EN (English US) 8/10

#### Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

#### Butyl acetyl ricinoleate (140-04-5)

- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) List

#### Acetic acid (64-19-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

#### **Canadian Regulations**

#### **OPOTOW® TEMPORARY CEMENT**

WHMIS Classification

Class D Division 2 Subdivision B - Toxic material causing other toxic effects





#### Castor oil (8001-79-4)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

#### Paraffin oils (8012-95-1)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

#### Zinc oxide (1314-13-2)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

#### **Butyl acetyl ricinoleate (140-04-5)**

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

#### Eugenol (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

#### Acetic acid (64-19-7)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1 %

WHMIS Classification Class B Division 3 - Combustible Liquid

Class E - Corrosive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

#### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 09/17/2018

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA

Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:** 

Acute Tox. 4 (Oral)

Acute toxicity (oral) Category 4

EN (English US)

9/10

#### Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Sens. 1	Skin sensitization Category 1
H226	Flammable liquid and vapor
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

#### Party Responsible for the Preparation of This Document

Water Pik, Inc.

Telephone: 800-525-2020

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

EN (English US) 10/10