

# SAFETY DATA SHEET



Date Issued: 04/05/2017  
Date-Revised: 01/16/2024  
Revision No: Q12024

## BEYOND® BlueSeal® Gingival Protection

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** BEYOND® BlueSeal® Gingival Protection  
**PRODUCT DESCRIPTION:** Light cured resin barrier

#### MANUFACTURER

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### 2. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

Prolonged exposure may cause abrasive irritation of the eyes, skin, and mucous membranes.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Bluish viscous substance

**IMMEDIATE CONCERNS:** Not yet determined

#### POTENTIAL HEALTH EFFECTS

**EYES:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**SKIN:** S28: After contact with skin, wash immediately with plenty of soap and water.

S36/37: Wear suitable protective clothing and gloves.

**INGESTION:** If swallowed, do not induce vomiting. Seek medical advice. Immediately rinse mouth and provide fresh air.

**INHALATION:** Move to fresh air, if inhaled.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Classification	% by Weight
Aliphatic Urethane Acrylate	Mixture	-	>=50 - <60 %
Polyethylene Glycol Dimethacrylate	25852-47-5	-	>=10 - <20 %
HEMA Phosphate	24599-21-1	-	>=10 - <20 %
Fumed Silica	67762-90-7	-	>=5 - <10 %
Sodium Saccharin	6155-57-3	-	< 1%
Ethyl-4-dimethylaminobenzoate	10287-53-3	-	< 1%
tert-Butylhydroquinone 97% (TBHQ)	1948-33-0	-	< 1%
Camphorquinone	10373-78-1	-	< 1%
Titanium dioxide	13463-67-7	-	< 1%
Aroma (Spearmint Oil)	8008-79-5	-	< 1%
Pigment (Castin Craft Blue)	Mixture	-	< 1%

### 4. FIRST AID MEASURES

**EYES:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an ophthalmologist.

**SKIN:** Wash off immediately with soap and plenty of water, removing all contaminated clothes and shoes. Avoid contact with UV- and sunlight.

**INGESTION:** Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.

S46: If swallowed, seek medical advice immediately and show this container or label.

**INHALATION:** Consult a physician after significant exposure. Move to fresh air.

## 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide blanket, water spray.

**EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:** High volume water jet.

**SPECIFIC HAZARDS:** Fire may cause CO<sub>x</sub>, NO<sub>x</sub> to evolve.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** In the event of fire, wear self contained breathing apparatus. Wear protective suit.

**SPECIFIC METHODS:** Do not use a solid water stream as it may scatter and spread fire.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

**ENVIRONMENTAL PRECAUTIONS:** Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.

**METHODS FOR CLEANING UP:** Use mechanical handling equipment. Soak up with inert absorbent materials (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. HANDLING AND STORAGE

**HANDLING:** Use only in area provided with appropriate exhaust ventilation. Practice care and caution to avoid skin contact and inhalation of vapors or mists if generated. Keep away from heat, sources of ignition, and direct sunlight.

S2: Keep out of the reach of children.

**STORAGE:** Keep containers tightly closed in a dry, cool, and well-ventilated place. Store in a place accessible by authorized persons only.

**STORAGE TEMPERATURE:** None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**PERSONAL PROTECTIVE EQUIPMENT:** Avoid contact with skin, eyes, and clothing.

Ensure adequate ventilation, especially in confined areas. Keep working clothes separately.

**EYES AND FACE:** Safety glasses with side-shields.

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

Products without solvents added: wear nitrile gloves. Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility, etc.) is noticed.

Wear impervious clothing.

**RESPIRATORY:** In the case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous substance

**Notes:** Insoluble in water; partially soluble in organic solvents

**ODOR:** Mint

**COLOR:** Bluish

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under recommended storage conditions.

**POLYMERIZATION:** Do not expose to temperatures above 50°C. Polymerization occurs when exposed to visible (white) light, ultraviolet light or extreme heat.

**CONDITIONS TO AVOID:** Avoid contact with radical forming initiators, peroxides, strong alkalis or reactive metals to prevent exothermic polymerization.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** None

**LOCAL EFFECTS:** No data is available on the product itself.

**LONG TERM TOXICITY:** Repeated or prolonged exposure may cause irritation of eyes and skin.

**SENSITIZATION:** None.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data is available on the product itself. Prevent product from entering drains.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Can be incinerated, when in compliance with local regulations. Waste disposal code EU: 08 01 99.

Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

## 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** None.

## 16. OTHER INFORMATION

**PREPARED BY:** BEYOND International Inc.

**REVISION SUMMARY:** Q12024

**MANUFACTURER DISCLAIMER:** FOR DENTAL USE ONLY: Use as directed.

The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, BEYOND® International Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.