



Boston Lens Materials

MATERIAL SAFETY DATA SHEET

Effective Date: 2/22/08 Supersedes: 11/28/05

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Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Boston Lens Materials
Product Code: 1000, 1400, 1500, 1700, 1800, 2100, 2200, 2300, 2600

For Information: 1-800-333-4730
For Emergency: 1-800-535-5053

Manufacturer: Bausch & Lomb
Address: Division of Wilmington Partners L.P.
Rochester, New York 14609

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES

Product	COMPONENT NAME	% W/W	OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES					UNITS				
			OSHA PEL TWA /STEL	ACGIH TLV TWA /STEL	NIOSH REL TWA /STEL	IRELAND TWA /STEL	HSE TWA /STEL					
BOSTON II & IV	Methylmethacrylate dimethyl-itaconate siloxanyl copolymer	>99	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
BOSTON Equalens, Equalens II, RXD, 7, ES, EO, Quantum Quantum II, XO	Aliphatic fluoroitaconate siloxanyl methacrylate copolymer	>99	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

N/E: Not Established

OSHA: Occupational Safety & Health Administration

TWA: 8-Hour Time-Weighted Average

N/A: Not Applicable

PPM: Parts Per Million

MG/M3: Milligrams Per Cubic Meter

STEL: Short-Term Exposure Limit

ACGIH: American Conference of Governmental Industrial Hygienists

C: Ceiling Limit

NIOSH: National Institute for Occupational Safety & Health

REL: Recommended Exposure Limit

The BOSTON LENSES are non-hydrophilic contact lens materials available in a wide variety of different visibility tints using D&C numbered dyes, and are also provided both with and without a UV absorbing agent.

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Boston Lens Materials are solid, tinted contact lenses or unfinished buttons with no odor. As a finished contact lens product or button, these materials are non-hazardous and should only be used in accordance with product literature. If you are allergic to any ingredient in this product, DO NOT USE.

Section 3: HAZARDS IDENTIFICATION (cont.)

PRECAUTIONS:

As a finished contact lens product or button, these materials are non-hazardous and should only be used in accordance with product literature. If you are allergic to any ingredient in this product, **DO NOT USE**.

POTENTIAL HEALTH EFFECTS

EYE:

Dust from grinding may cause severe eye irritation.

SKIN:

Frequent or prolonged contact with button dust may irritate the skin and cause a skin rash (dermatitis).

INGESTION:

Dusts may be irritating to mouth, throat, stomach and intestinal tract.

INHALATION:

Breathing of button dust may cause respiratory tract irritation.

CHRONIC HEALTH EFFECTS

No known chronic hazards.

CARCINOGENICITY:

NTP: No ingredients listed.

IARC: No ingredients listed.

OSHA: No ingredients listed.

Section 4: FIRST AID MEASURES

NOTE: The following first aid measures apply only to lens button dust created through grinding, lathing or further processing.

EYES:

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN:

Wash thoroughly with soap and water. Get medical attention if irritation or other symptoms develop or persist.

INGESTION:

If swallowed, contact the Poison Control Center and obtain appropriate medical attention immediately.

INHALATION:

If exposed to excessive levels of dust, remove to fresh air. Get medical attention if cough or other symptoms develop.

Section 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: Non-Combustible

Method: NA

EXTINGUISHING MEDIA:

Water spray, carbon dioxide, dry chemical powder or appropriate foam for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS:

None identified.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

General Information:

Contain and dispose of material in general trash or consult with refuse contractor on disposal of large quantities of dusts..
Dispose of in accordance with Section 13.

Section 7: HANDLING AND STORAGE

HANDLING:

No special handling is required. Use in accordance with product literature.

STORAGE:

Store at room temperature. Avoid freezing.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:

No special controls or personal protection required under conditions of intended use. Use local exhaust when grinding lens buttons.

SKIN PROTECTION:

No special controls or personal protection required under conditions of intended use.

EYE PROTECTION:

No special controls or personal protection required under conditions of intended use.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT: NA

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES:

Appearance / Physical State: Solid, tinted contact lenses or unfinished buttons
Odor: Odorless

CHEMICAL PROPERTIES:

Boiling Point:	Not Determined	Melting Point:	Not Applicable
Vapor Pressure:	Not Determined	Vapor Density:	Not Determined
Solubility In Water:	Soluble	Specific Gravity (H₂O = 1):	Not Determined
pH:	Not Applicable	Freezing Point:	Not Determined
Molecular Weight:	Mixture, Not Applicable		

Section 10: STABILITY AND REACTIVITY

GENERAL:

Stable under normal conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

None.

HAZARDOUS POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None identified.

Section 11: TOXICOLOGICAL INFORMATION

NOTE: No data available on the copolymers.

Section 12: ECOLOGICAL INFORMATION

No data available on the environmental impact of this product.

Section 13: DISPOSAL CONSIDERATIONS

All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Section 14: TRANSPORT INFORMATION

	US DOT	IATA	IMO	RID/ADR	Canadian DG
Shipping Name:	Not Regulated	Not Regulated	No Information Available	No Information Available	No Information Available
Hazard Class:	NA	NA			
UN Number:	NA	NA			
Package Group:	NA	NA			

There are no unreasonable risks (health, safety, or property), that this product would pose when transported in commerce. Hazard class definitions (49 CFR, Part 173) are not applicable to this product.

Section 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

Boston Lens Materials are non-hazardous under the Occupational Safety & Health Administration Hazard Communication Standard. Further processing, grinding or lathing of these materials may create hazardous dusts.

TOXIC SUBSTANCE CONTROL ACT (TSCA)

All components of this product are on the TSCA Inventory or are exempt from the TSCA Inventory requirements.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

SECTION 302 (Extremely Hazardous Substances):	No Components Listed
SECTION 311, 312 (Hazard Categories):	NA
SECTION 313 (Toxic Chemicals):	No Components Listed

CALIFORNIA PROPOSITION 65:

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels that would require a warning under the statute.

Section 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither Bausch & Lomb Incorporated nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. In no event shall Bausch & Lomb Incorporated or any of its subsidiaries be liable for any special, incidental or consequential damages.