

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Name: Sea Life Latex-Free Elastics
Common Name: Elastomeric (Latex Free)
Material: Poly(Styrene-Butadiene-Styrene) / SBS
Restrictions on Use: American Orthodontics' products are used for the treatment of malocclusions and craniofacial abnormalities as diagnosed by a trained dental professional or orthodontist. Federal law restricts this device to use by or on the order of a dentist or orthodontist.

EC No.: None
REACH Registration No.: None
CAS No. / IUPAC: 9003-55-8

1.2 Relevant Identified Uses/ Uses Advised Against

Relevant identified uses: Dental/Orthodontic use only
Uses advised against: Not for Consumer use. Please see "Restrictions on Use"

1.3 Details of the Supplier of the Safety Data Sheet

Company Name:
 American Orthodontics
 3524 Washington Avenue
 Sheboygan, WI 53081
 Phone: 920-457-5051
 Fax: 920-457-1485

E-mail: info@americanortho.com
National Contact: Safety Department

1.4 Emergency Telephone Number

Emergency Response Number:
 920-457-5051
 Only available during office hours: 8:00AM – 5:00PM (Central Time)
 Language of Phone Service: English

2. HAZARDS IDENTIFICATION

General Hazard Statement:

This product is a manufactured article as defined under REACH. No labeling is required for finished product.

This product is classified as "articles" and do not constitute a hazardous material in solid form und the definitions of the OSHA Hazard Communication Standard (29CFR1910.1200). Any articles manufactured from these solid products would be generally classified as non-hazardous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>Wt. % Content (or Range)</u>
Poly(styrene-butadiene-styrene)	9003-55-8	100	

4. FIRST-AID MEASURES**4.1 Description of First-Aid Measures**

General Notes: As a solid, product is considered safe and non-hazardous
Inhalation: As a solid, product would not cause irritation to the nose, throat and respiratory tract
Skin Contact: Product is presumed to be non-irritating to the skin
Eye Contact: If rubbed in eyes product is presumed to be mildly irritating
Ingestion/Swallowing: Product is considered to have a low order of acute oral toxicity

4.2 Important Symptoms and Effects

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product

5. FIRE AND EXPLOSION HAZARDS**5.1 Extinguishing Media**

Use water fog, foam, dry chemical or CO2

5.2 Special Exposure Hazards from Substance/Mixture

Material will not burn unless preheated.

5.3 Advice for Firefighters

Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and boots) including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure: Shovel and sweep up or use industrial vacuum cleaner. Avoid generating dust clouds. Put in containers for reclaiming or disposal.

Waste Disposal: Place in appropriate waste disposal facility in compliance with local regulations.

7. HANDLING AND STORAGE**7.1 Precautions for Safe-Handling**

Measures to prevent fire:

Product can accumulate static charge during transport, handling and processing. Static charge buildup can be a potential fire hazard when used in presence of volatile or flammable mixtures. Equipment should provide a means of dissipating charge.

In processing, do not allow the temperature to exceed 450°F. Maintain fire watch if 450°F is reached.

Avoid vapors from heated product. Adequate ventilation must be provided at high processing temperatures to prevent exposure to potentially toxic/irritation fumes.

Practice good housekeeping. Do not allow product to accumulate in processing areas.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No data available, but non-toxic as supplied.

8.2 Exposure Controls

There are no occupational exposure limits for this product as supplied.

8.2.1 Appropriate Engineering Controls

Product can accumulate static charge during transport, handling and processing. Static charge buildup can be a potential fire hazard when used in presence of volatile or flammable mixtures. Equipment should provide a means of dissipating charge.

In processing, do not allow the temperature to exceed 450°F. Maintain fire watch if 450°F is reached.

Avoid vapors from heated product. Adequate ventilation must be provided at high processing temperatures to prevent exposure to potentially toxic/irritation fumes. Practice good housekeeping. Do not allow product to accumulate in processing areas.

8.2.2 Personal Protective Equipment

Respiratory Protection: Not ordinarily required. Use either an atmosphere-supplying respirator or an air-purifying respirator for particles.

Protective Clothing: Safety glasses and protective clothing should be worn when product is heated in processing.

8.2.3 Environmental Exposure Controls

Adequate ventilation and/or engineering controls are required when the product is heated for processing. Ventilation is required to control dust concentration in air.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic Physical & Chemical Properties

Appearance:	solid
Odor:	Odorless
Odor Threshold:	N/A
pH:	N/A
Melting Point/Freezing Point:	N/A
Vapor Density:	N/A
Relative Density:	N/A
Solubility(ies):	Negligible

9.2 Other Information

Specific Gravity:	0.93
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Poly(Styrene-Butadiene-Styrene)

10. STABILITY AND REACTIVITY**10.1 Reactivity**

Stable

10.2 Chemical Stability

Stable

10.3 Conditions of Instability

None Known

10.4 Possibility of Hazardous Reactions

None Known

10.5 Conditions to Avoid

Avoid contact with strong oxidizers. Product contains residual unsaturation which can undergo exothermic oxidative degradation. Accumulation of product in areas exposed to elevated temperatures for extended periods in air may result in self-heating and auto-ignition.

10.6 Incompatible Materials

None known

10.7 Hazardous Decomposition Products

At processing temperatures, some degree of thermal degradation will occur. Although highly dependent on temperature and environmental conditions, a variety of decomposition products may be present forming from simple hydrocarbons (such as methane and propane) to toxic/irritating gases (carbon monoxide, carbon dioxide, acrolein, halogenated compounds, acids, ketones, aldehydes).

10.8 Hazardous Polymerization

Will not occur

11. TOXICOLOGICAL INFORMATION

In its solid form, this product does not present inhalation, absorption or ingestion hazard. Grinding, polishing, abrasive blasting, thermal cutting or welding may produce dust or fumes. Dust may cause eye, skin and/or respiratory system irritation.

12. ECOLOGICAL INFORMATION

No information available for product as supplied
Components of this product are listed in the EPA/TSCA inventory of chemical substances

13. DISPOSAL CONSIDERATIONS

Place in appropriate waste disposal facility in compliance with local regulations.

14. TRANSPORTATION INFORMATION

Considered non-hazardous.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulations

None

Other EU Regulations:

None

National Regulations (USA):

None

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

16. ADDITIONAL INFORMATION

16.1 Indication of changes/revision to SDS:

1. New format
2. Inclusion of EC Requirements
3. **Revision Date:** 04/24/2015

16.2 Abbreviations and acronyms:

None

16.3 Key literature references and sources for data

1. Guidance on the Compilation of Safety Data Sheets; European Chemical Agency (ECHA); Version 2.1, February 2014
2. Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling, and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

16.4 Classification and procedure used to derive classification for mixtures according to Regulation (EC) 1272/2008[CLP]:

None

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in the SDS was obtained from sources that we believe are reliable and is believed to be valid and accurate. American Orthodontics, however, makes no warranty, express or implied, regarding its correctness of the information provided. The conditions or method 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 SDS information may not be applicable. **Reasonable safety precautions must always be observed.**