

**I – Identification of the Substance and of the Company**

SUPPLIER: Tangent Orthodontics  
1064 Greenwood Springs Blvd.,  
Suite A  
Greenwood, IN 46143  
317-743-1214

Trade Name and Synonyms – Latex Inter-Oral / Extra-Oral Elastics  
Description: Latex Elastics

Emergency Information Chemtrec: 800-424-9300  
Chemtrec International: 202-483-7616

Product Grade / Name:  
Chemical Name: **BUTADIENE, METHYL,  
HOMOPOLYMER**  
Chemical Family: **NATURAL LATEX RUBBER**

**II – Composition / Information on Ingredients**

<u>MATERIAL</u>	<u>% (CONCENTRATION)</u>
Non-Hazardous Rubber	95-98%
Sulfur	0-1.0%
Zinc Oxide	0-1.0%
Polymetric Hindered Phenol	1-2.0%
Dithiocarbonate Derivative	0-1.0%

Note: All components are Non-Hazardous.

**III – Hazards Identification**

Medical Conditions Aggravated by Exposure: No known effects – Persons allergic to fruits or persons with Spina Bifida may be allergic to natural rubber.  
Exposure Limits: None  
Potential Health Effects: None  
Routes of Entry: N/A  
Human Effects and Symptoms of Overexposure: N/A  
Acute Inhalation: No significant health hazard  
Chronic Inhalation: None  
Acute Eye Contact: Non-Irritating  
Carcinogenicity: None

**IV – First Aid Measures**

Eyes: N/A  
Skin: N/A  
Inhalation: N/A  
Ingestion: N/A

**V – Fire Fighting Measures**

Flash Point: N/A  
Flammable Limits:

Upper Explosive Limit: N/A  
Lower Explosive Limit: N/A  
Extinguisher Media: Foam, CO2, Dry Chemical  
Fire & Explosion Hazard: Upper Explosive Limit (UEL) (%): N/A / Lower Explosive Limit (LEL) (%): N/A  
Special Fire Fighting Procedures: Full emergency equipment with self-contained breathing apparatus should be worn by firefighters. Overexposure to thermal decomposition products may cause health hazard.

#### **VI – Accidental Release Measures**

Contain and remove by mechanical means.

#### **VII – Handling and Storage**

Storage Temperature (Min/Max): Ambient  
Shelf Life: 3 years  
Special Sensitivity: N/A  
Handling/Storage Precautions: Keep away from flame or excessive heat, and direct light sources.

#### **VIII – Exposure Controls / Personal Protection**

Ventilation Requirements:  
Adequate Ventilation Practice  
Personal Protective Equipment:  
Respiratory Protection:  
None  
Eye Protection:  
None  
Skin Protection:  
None

#### **IX – Physical and Chemical Properties**

Physical Form: Solid  
Color: Amber and F.D.A. allowable colors.  
Odor: Rubber odor.  
PH: N/A  
Boiling Point: N/A  
Melting – Freezing Point: N/A  
Solubility in Water: Insoluble  
Specific Gravity: .95 (In Water = 1)  
Bulk Density: N/A  
% Volatile by Volume: N/A  
Vapor Pressure: N/A

#### **X – Stability and Reactivity**

Stability:  
Unstable ( ) Stable (X)  
Conditions to Avoid: Flames or Excessive Heat.  
Incompatibility:  
Material to Avoid: None Known  
Hazardous Decomposition Products:

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By fire; Oxides of Carbon when burned.

Hazardous Polymerization:

May Occur ( ) Will Not Occur (X)

Conditions to Avoid: Overheating

HMIS Ratings: Health: 0 / Flammability: 0 / Reactivity: 0

**XI – Toxicological Information**

Toxicity tests have not been conducted on this product.

**XII – Ecological Information**

None

**XIII – Disposal Considerations**

In accordance to Federal, State, or Local Regulations.

**XIV – Transportation Information**

Technical Shipping Name: Rubber, Natural

Freight Class Bulk: N/A

Freight Class Packaged: N/A

Product Label: N/A

Hazard Class or Division: Non-Hazardous

Hazard Class or Division Number: Not Hazardous by D.O.T. Regulations.

**XV – Regulatory Information**

SARA TITLE III:

Section 302 Extremely hazardous Substances: None

Section 311/312 hazard Categories: None

Section 313 Toxic Chemicals: None

RERA Status: Non-Hazardous

**XVI – Other Information**

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, Tangent Orthodontics. makes no warranty with respect thereto and disclaims all liability from reliance thereon.