



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
11-10X-XX

Product Name: POLYISOPRENE RUBBER
(LATEX ELASTICS)

Release Date: March 6, 2007

1. Product and Company Identification

Trade Name & Synonyms Natural rubber	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) Orthodontic use	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Non-hazardous rubber	NA	NA	89-96
Colorant	NA	NA	0.1-7
Sulfur	NA	NA	0-1
Zinc oxide	NA	NA	0-1
Polymeric Hindered Phenol	NA	NA	1-2
Dithiocarbamate derivative	NA	NA	0-1

3. Hazard Identification

Emergency Overview NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects Oxides of carbon when burned.					



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
11-10X-XX

Product Name: POLYISOPRENE RUBBER
(LATEX ELASTICS)

Release Date: March 6, 2007

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush thoroughly with water.	Consult a physician.	NA
Skin	Allergic reactions may occur in some people.	Consult a physician if symptoms persist.	NA
Inhalation	No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.	Consult a physician if necessary.	NA
Ingestion	While ingestion of large quantities to cause health effects is unlikely, consult a physician if it occurs.	While ingestion of large quantities to cause health effects is unlikely, consult a physician if it occurs.	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			

5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- , Flammability- , Reactivity- NA	
Extinguishing Media Foam, dry chemical or NFPA Class B extinguisher.		Extinguishing Media to Avoid	
Protection and Procedures for Firefighters Wear self-contained breathing apparatus. When exposed to flame, emits acrid fumes. No explosive hazards.			
Unusual Fire and Explosion Hazards When exposed to flame, emits acrid fumes.			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Dispose of in accordance with state, local, and federal regulations.
Evacuation Procedures NA
Special Instructions Personal precautions: N/A Environmental precautions: N/A
Reporting Requirements NA



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
11-10X-XX

Product Name: POLYISOPRENE RUBBER
(LATEX ELASTICS)

Release Date: March 6, 2007

7. Handling and Storage

Handling Practices and Warnings

N/A

Storage Practices and Warnings

(°C / °F). Keep closed to avoid contamination. Do not overexpose to light.

8. Exposure Control/Personal Protection

Ventilation

N/A

Other Engineering Controls

N/A

Routes of Entry:

Personal Protective Equipment (PPE) for Normal Use:

PPE for Emergencies:

Eye/Face

N/A

N/A

Skin

N/A

N/A

Inhalation

N/A

N/A

General Hygiene Considerations and Work Practices

N/A

Protective Measures During Repair and Maintenance of Contaminated Equipment

N/A

Other Protective Measures and Equipment

N/A

9. Physical and Chemical Characteristics

Appearance

Solid. Color: Transparent

Odor

Rubber

Normal Physical State:

Liquid

Gas

Solid

_____ (Other)

Boiling Point °C / °F NA

Melting Point °C / °F NA

Freezing Point °C / °F NA

Specific Gravity or Density (H₂O=1)

Density (20°C): 95.

Solubility in Water

NA

pH

N/A

Vapor Pressure (mm Hg @ 20°C)

N/A

Vapor Density (AIR= 1)

NA

Evaporation Rate (Butyl Acetate = 1)

NA

Other

Viscosity (20°C): N/A

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid)

N/A

Hazardous Products Produced During Decomposition

Oxides of carbon.

Hazardous Polymerization?

May Occur

May Not Occur NA

Conditions to Avoid

°C / °F NA

Stability?

Stable

Unstable

Conditions to Avoid

°C / °F High temperatures



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
11-10X-XX

Product Name: POLYISOPRENE RUBBER
(LATEX ELASTICS)

Release Date: March 6, 2007

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data

Oral toxicity: N/E. Inhalation: N/E

Skin irritation: N/E

Sensitization: Some people may be sensitive to rubber.

Eye irritation: N/E

Further details:

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements

Acute toxicity in Fish (LC-50/48h):

Bacteria Toxicity(EC-0):

Biodegradability:

Further details:

13. Disposal Considerations

Regulations

Product: In accordance with state, local and federal regulations.

Packaging: In accordance with state, local and federal regulations.

Waste disposal code: In accordance with state, local and federal regulations

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No NA

Proper Shipping Name

Latex elastics

Packing Group

NA

Do changes in quantity, packaging, or shipment method change product classification?

Yes No NA

Hazard Class

NA

Identification Number

NA

Other

Overland transport ADR/RID/GGVS/GGVE:

Sea transport GGVSEA/IMDG-CODE:

Air transport ICAO/IATA-DGR:

Inland waterway transport ADNR:

Further details:



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
11-10X-XX



Product Name: POLYISOPRENE RUBBER
(LATEX ELASTICS)

Release Date: March 6, 2007

15. Regulatory Information

Federal Regulations

Preparation as defined by the (German) Chemical Act (dated 4/03/1990).

Labeling: Product contains:

Danger symbol:

R-Sentences R36-37-38:

S-sentences S26:

S-sentences S28:

National regulation: VbF:

TA-Air: Water pollution 1:

International Regulations NA

Other NA

16. Other Information

Supplier Number: 16 / 11

Supplier Release: NA

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.