



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
97-980-00

Product Name: BITE RAMPS

Release Date: November 15,
2005

1. Product and Company Identification

| | |
|--|---|
| Trade Name & Synonyms Bite ramps | MSDS Code Number Refer to part number |
| Chemical Name Syndiotactic polystyrene | 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 cures | Emergency Telephone Number 1-631-419-1700 |

2. Composition of Ingredients

| Hazardous Components | C.A.S. Number | Exposure Limits | % |
|--------------------------|---------------|-----------------|-------|
| Syndiotactic Polystyrene | 009003-53-6 | | 50-90 |
| Glass fiber | 0655997-17-3 | | 5-50 |
| Proprietary ingredients | | | 5-30 |

3. Hazard Identification

| Emergency Overview This product has non-hazardous ingredient as defined under the criteria of the federal osha hazard communication standard 29CFR 1910 1200 | | | | | |
|--|--------------------|--|-----------------------------------|--|-----------------|
| 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 | Acute eye contact: Mechanical irritation. Chronic eye contact: None | NA |
| Skin | NA | NA | NA | NA | NA |
| Inhalation | NA | NA | NA | Acute inhalation: No significant health hazard. Chronic inhalation: None | NA |
| Ingestion | NA | NA | NA | NA | NA |
| Other | NA | NA | NA | NA | NA |
| Medical Conditions Aggravated by Exposure None | | | | | |
| Carcinogenicity (IARC, NTP) None | | | | | |
| Potential Environmental Effects NA | | | | | |

4. First Aid Measures

| Routes of Exposure | First Aid Instructions | Immediate Medical Attention | Delayed Effects |
|--|------------------------|-----------------------------|-----------------|
| Eye | N/A | NA | NA |
| Skin | N/A | NA | NA |
| Inhalation | N/A | NA | NA |
| Ingestion | N/A | NA | NA |
| Other | NA | NA | NA |
| Note to Physicians (Treatment, Testing, and Monitoring) NA | | | |



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5. Fire and Explosion Data

| | | | |
|--|--|---|--------------------|
| Flashpoint & Method: °C / °F Non-flammable | Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A | Autoignition Temperature NA | Other NA |
| Flame Propagation or Burning NA | Properties Contributing to Fire Intensity NA | Flammability Classification Health-, Flammability-, Reactivity-NA | |
| Extinguishing Media N/A | | Extinguishing Media to Avoid NA | |
| Protection and Procedures for Firefighters NA | | | |
| Unusual Fire and Explosion Hazards Combustion may produce carbon dioxide and carbon monoxide | | | |

6. Accidental Release Measures

| |
|--|
| Containment Techniques NA |
| Spill/Leak Clean-Up Procedures and Equipment Remove by mechanical means. |
| Evacuation Procedures NA |
| Special Instructions NA |
| Reporting Requirements NA |

7. Handling and Storage

| |
|---|
| Handling Practices and Warnings Shelf life: 5 years |
| Storage Practices and Warnings (°C / °F). Ambient. Storage precautions: None |

8. Exposure Control/Personal Protection

| | | |
|--|--|-----------------------------|
| Ventilation None | Other Engineering Controls NA | |
| Routes of Entry: | Personal Protective Equipment (PPE) for Normal Use: | PPE for Emergencies: |
| Eye/Face | None | NA |
| Skin | None | NA |
| Inhalation | None | NA |
| General Hygiene Considerations and Work Practices NA | | |
| Protective Measures During Repair and Maintenance of Contaminated Equipment NA | | |
| Other Protective Measures and Equipment None | | |



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9. Physical and Chemical Characteristics

| | | | |
|--|---|---|--|
| Appearance Various F.D.A allowable colors | | Odor Odorless | |
| Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> ____ (Other) | | Boiling Point °C / °F N/A Melting Point °C / °F N/A Freezing Point °C / °F N/A | |
| Specific Gravity or Density (H₂O=1) 1.37G/CM3 | Solubility in Water Insoluble | pH ND | |
| Vapor Pressure (mm Hg @ 20°C) N/A | Vapor Density (AIR= 1) NA | Evaporation Rate (Butyl Acetate = 1) NA | |
| Other Bulk density: Approx. 10.01 LBS/CM3 | | | |

10. Stability and Reactivity Data

| | |
|--|--|
| Incompatibility (Materials to Avoid) None known | |
| Hazardous Products Produced During Decomposition By fire; carbon monoxide, carbon dioxide | |
| Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur | Conditions to Avoid °C / °F NA |
| Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable | Conditions to Avoid °C / °F NA |

11. Toxicological Information

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|--|
| Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data Caution: Contact with hot material will cause thermal burns; Toxic gases/ fumes are given off during burning or decomposition and may cause allergic skin and respiratory reaction; Melted product is flammable and produces intense heat and dense smoke during burning |
|--|

12. Ecological Information

| |
|--|
| Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements N/A |
|--|

13. Disposal Considerations

| |
|---|
| Regulations Waste disposal method: In accordance to federal, state or local regulations |
| Properties (Physical/Chemical) Affecting Disposal NA |

14. Transport Information

| | | |
|--|---|---|
| Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Proper Shipping Name Bite ramps | Packing Group NA |
| Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Hazard Class Not regulated | Identification Number Not regulated |
| Other NA | | |



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15. Regulatory Information

Federal Regulations

SARA TITLE III: This product is not reportable under section 302.4 of SARA and 40 CFR PART 355. Hazardous substances: None
SECTION 311/312 Hazard categories: None Section 313 Toxic chemicals: None RERA STATUS: Non- hazardous

International Regulations

NA

Other

HMIS RATINGS: Health 0 Flammability 0 Reactivity 0 .0=minimal 1= slight 2= moderate 3= serious 4= severe

16. Other Information

Supplier Number: 31/97

Supplier Release: January 7, 2003

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