MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev 1

Part Number(s):
25-400-00 & 25-400-25

Product Name: NeoForm Sheets

Release Date: May 4, 2005

1. Product and Company Identification

Trade Name & Synonyms NeoForm sheets	**MSDS Code Number** Refer to part number
Chemical Name Styrene Butadiene Copolymer	**Manufacture / Distributor** GAC International Inc.
C.A.S. Number Proprietary	**Address** 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities N/A	**Information Telephone Number** 1-631-419-1700
Product Use (for Canada) Material for orthodontic tooth positioners	**Emergency Telephone Number** 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
None			

3. Hazard Identification

Emergency Overview

The dust can produce formaldehyde fumes.

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	Dust can cause stinging tearing, redness, swelling. Molten material causes thermal burns.	Single	Mild	Acute eye irritation	Eye
Skin	Molten material causes thermal burns.	N/A	-	-	-
Inhalation	Dust can cause irritation of nose throat or airway.	Single	Mild	N/A	Respiratory tract
Ingestion	N/A	-	-	-	-
Other -	N/A	-	-	-	-

Medical Conditions Aggravated by Exposure
Respiratory or eye conditions.

Carcinogenicity (IARC, NTP)
N/A

Potential Environmental Effects
N/A

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	If eyes are contacted by molten material, flush eyes gently with water while holding eyelids apart. Remove contact lenses.	N/A	If symptoms persist or there is any visual difficulty, seek medical attention.
Skin	If hot material contacts skin, cool material quickly with water. Use vegetable oil to remove material from skin.	N/A	-
Inhalation	Move individual away from exposure into fresh air.	N/A	If symptoms persist, seek medical attention.
Ingestion	Do not induce vomiting. Drink milk or water.	N/A	-
Other	N/A	-	-

Note to Physicians (Treatment, Testing, and Monitoring)
N/A

5. Fire and Explosion Data

Flashpoint & Method:	Flammable (Explosive) Limits in Air	Autoignition Temperature	Other
N/A	LEL: N/A UEL: N/A	N/A	N/A
Flame Propagation or Burning Rate (for solids)	**Properties Contributing to Fire Intensity**	**Flammability Classification**	
N/A	N/A	Health-1, Flammability-1, Reactivity-0	

Extinguishing Media	Extinguishing Media to Avoid
Water spray, foam, carbon dioxide or dry chemical.	None

Protection and Procedures for Firefighters

Usual.

Unusual Fire and Explosion Hazards

Irritating or toxic fumes may be evolved from heated material.

6. Accidental Release Measures

Containment Techniques

Discard in trash; do not put in the sewer system.

Spill/Leak Clean-Up Procedures and Equipment

Wipe up dust with wet rag. Do not let dust accumulate. Discard in trash.

Evacuation Procedures

N/A

Special Instructions

N/A

Reporting Requirements

N/A

7. Handling and Storage

Handling Practices and Warnings

Trained personnel use this product exclusively for dental purposes. Treat as a solid that can burn; do not overheat material. Do not let dust accumulate.

Storage Practices and Warnings

Store in ventilated, dry, cool (<22°C / 72°F) place out of direct sunlight, and away from sources of ignition. **. Shelf life**: 3 years

8. Exposure Control/Personal Protection

Ventilation	Other Engineering Controls
Use in a well-ventilated area.	N/A

Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Wear goggles, safety glasses or a face shield near hot material.	N/A
Skin	Wear insulated clothing around hot material.	N/A
Inhalation	If much dust is generated, use a respirator.	N/A

General Hygiene Considerations and Work Practices

Wear gloves as per universal precautions in dentistry.

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 clear sheet	**Odor** N/A
Normal Physical State: ☐ Liquid ☐ Gas ☒ Solid ☐ _____ (Other)	**Boiling Point** NA **Melting Point** 221°C / 430°F **Freezing Point** 221°C / 430°F

Specific Gravity or Density (H_20=1) 1.41	**Solubility in Water** Negligible	**pH** N/D
Vapor Pressure (mm Hg @ 20°C) N/A	**Vapor Density (AIR= 1)** >2	**Evaporation Rate (Butyl Acetate = 1)** <1

Other
0.2% volatile

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid)
Acids, halogenated hydrocarbons, aldehydes, ketones, strong oxidizers.

Hazardous Products Produced During Decomposition
Carbon oxides, such as carbon monoxide, & hydrocarbons when burned.

Hazardous Polymerization? ☐ May Occur ☒ May Not Occur	**Conditions to Avoid** N/A
Stability? ☒ Stable ☐ Unstable	**Conditions to Avoid** N/A

11. Toxicological Information

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

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements
Low solubility in water; do not discharge to sewer system.

13. Disposal Considerations

Regulations
Dispose in trash according to federal state & local regulations.

Properties (Physical/Chemical) Affecting Disposal
None known

14. Transport Information

Regulated for shipping? ☐ Yes ☒ No	**Proper Shipping Name** NeoForm sheets	**Packing Group** N/A

Do changes in quantity, packaging, or shipment method change product classification? ☐ Yes ☒ No	**Hazard Class** Non-hazardous	**Identification Number** N/A

Other
N/A

15. Regulatory Information

Federal Regulations

Does not fall under any SARA 311/312 category. All of the components of this material are on the Toxic Substance Control Act (TSCA).Chemical Inventory.

CERCLA: 40 CFR 302.4 NONE
SARA 302: Components 40 CFR 355 None
SECTION 311/312: Hazard Class 40 CFR 370.2 None
SARA 313: Components 40 CFR 372.65 None
OSHA: Process Safety Management 29 CFR 1910 None
EPA: Accidental Release Prevention 40 CFR 68 None

International Regulations

AUSTRALIA……..…: All the components of this material are listed on the Australian Inventory of Chemical Substances (AICS).

CANADA……: All the components of this material are on the Canadian Domestic Substance List (DSL).

EUROPEAN UNION…: All the components of this material are in compliance with the EU Seventh Amendment Directive 92/32/EEC.
JAPAN……: All the components of this product are on the Existing & New Chemical Substance (ENCS) inventory in Japan, or have exemption from listing.
KOREA……..: All the components of this product are on the Existing Chemicals List (ECL) in Korea.

PEOPLES REPUBLIC
OF CHINA…….: All the components of this material are listed on the draft Inventory of Existing Chemical Substances in China.
PHILIPPINES……: All the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Other

N/A

16. Other Information

Supplier Number: 031/25 **Supplier Release:** 11-04-2003

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