

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION



Great Lakes Orthodontics
200 Cooper Ave
Tonawanda, NY 14150

716-871-1161
800-828-7626
CHEMTREC: 800-424-9300

Product Name: Endure – Rigid Polyvinyl Chloride Sheeting
Product Number: 021-058, 021-059
025-045, 025-046

Effective Date: 10/18/17

SECTION 2. HAZARDOUS IDENTIFICATION

- No hazard under normal handling, storage, or usage conditions.
- This product contains no component considered to be hazardous according to the criteria of 29CFR 1910.1200.
- No pictogram or signal word required.

Potential Health Effects and Symptoms of Overexposure

Eye Contact

Smoke may cause eye irritation.

Skin

Contact with hot/melted film/sheet may cause burns.

Inhalation

Possible respiratory irritation.

Ingestion

Irritation, seek medical attention.

Medical Conditions Aggravated by Overexposure

No evidence product aggravates an existing medical condition.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>CAS #</u>	<u>Percentage</u>
PVC Resin	9002-86-2	80 – 85 %
Proprietary	Mixture	15 – 20 %

SECTION 4. FIRST AID MEASURES

In the event of a Fire Emergency or overheating film / sheet

Eye Contact

Flush eyes with water for several minutes.

Skin

Run cold water over affected areas. Seek medical attention.

Inhalation

Go to fresh air area. If symptoms develop, seek medical attention.

Ingestion

Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water Spray (H₂O)

Special Fire Fighting Procedures

No special measures are required.

Special Protective Equipment for Fire Fighters

Self-contained, positive pressure approved breathing apparatus, and full protective clothing.

Unusual Fire and Explosion Hazard

PVC film/sheet is self-extinguishing and will not continue to burn without a fire source. When exposed to fire or high heat source, decomposition may occur and may emit Carbon Monoxide (CO), Carbon Dioxide (CO₂), and Hydrochloric Gas (HCl)

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Not applicable

SECTION 7. HANDLING & STORAGE

Storage temperature

Avoid high temperatures

Handling / Storage Precautions

Store at room temperature.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye / Face Protection

Safety glasses when cutting or converting.

Respiratory Protection

Not necessary when processed normally.

Skin / Hand Protection

Wear gloves when handling film/sheet that has been heated and when mechanically processing or converting.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Color** – Translucent, opaque – all colors
- **Odor** – Odorless
- **Flash Point** – Not applicable
- **Boiling Point (solid)** – Not applicable
- **Flash Point** – Not applicable
- **Melting Point** – Not applicable
- **Flammable Limits** – Self Extinguishing
- **Vapor Pressure** – Not applicable
- **Solubility in Water** – Insoluble
- **Vapor Density (AIR = 1)** – Not applicable
- **Specific Gravity (H₂O – 1)** – 1.30 – 1.50
- **Evaporation Rate (Butyl Acetate – 1)** – Not applicable

SECTION 10. STABILITY & REACTIVITY

Stability

Stable

Conditions to Avoid

Thermal degradation by overheating, burning, or fire.

Hazardous Decomposition Products

Overheating and burning creates Carbon Dioxide (CO₂), Carbon Monoxide (CO), and Hydrochloric gas (HCl).

SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable

SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste Disposal Method

Recycle when possible. Disposal in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not listed or regulated

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Not listed

SECTION 16. OTHER INFORMATION (non-mandatory)

Not applicable