SAFETY DATA SHEET

SECTION 1. INDENTIFICATION

Great Lakes Orthodontics
200 Cooper Ave
Tonawanda, NY 14150

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

Product Name: Temporary Splint, Tenite
Product Number: 021-082
025-038

Effective Date: 11/14/12

SECTION 2. HAZARDOUS IDENTIFICATION

Human Effects and Symptoms of Overexposure:

None expected.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 4. FIRST AID MEASURES

Skin Contact

If burned by contact with molten material, cool as quickly as possible with water and see a physician for removal of adhering material and treatment of burn.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, Dry chemical, Carbon Dioxide (CO2)

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire / Explosion Hazards

Refer to NFPA Pamphlet #63, “Prevention of Dust Explosions in Industrial Plants”, if this material is to be reduced to or collected as a powder.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Collect and contain for salvage or disposal.

SECTION 7. HANDLING & STORAGE

No special precautions are known.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Measures

- Local Exhaust – If needed to control fumes.
- Mechanical (general) – recommended.

Hygiene Measures

Good industrial hygiene practices should be followed which include minimizing inhalation of dusts, vapors, and degradation products. A threshold limit value (TLV) has not been established; however, ventilation adequate to maintain dust concentrations below the TLV for nuisance particulates (30 mppel or 10mg/m3) should be provided.

Hand Protection

Protective gloves should be worn to protect against thermal burns.

Eye Protection

Safety glasses should be worn in any type of industrial setting.

Additional Protective Measures

Safety shower.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Appearance –** Pellets
- **Odor –** Characteristic odor
- **Flash Point –** not applicable
- **Lower Explosion Limit –** Not applicable
- **Upper Explosion Limit –** Not applicable
- **Vapor Pressure –** Not Applicable (non-volatile)
- **Solubility in Water –** Negligible
- **Boiling Point –** not applicable
- **Vapor Pressure –** Not applicable (non-volatile)
- **Vapor Density (AIR=1) –** not determined
- **Specific Gravity (H2O=1) –** 1.26 to 1.29 (varies with flow)
- **Percent Volatile By Volume (%)** – Not applicable
- **Evaporation Rate** – Not applicable

SECTION 10. STABILITY & REACTIVITY

Hazardous Reactions – Hazardous polymerization does not occur.
Stability – Stable
Materials to Avoid – Oxidizing materials can cause a reaction.
Conditions to Avoid – None known
Hazardous Decomposition Products – As with any organic material, combustion will produce carbon dioxide and probably carbon monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity Data for Copolyester:

Acute oral toxicity

- LD60: > 3,200 mg/kg (Rat, Male)
- LD50: > 3,200 mg/kg (Mouse, Male)

Acute dermal toxicity

- LD50: > 1,000 mg/kg (Guinea Pig)

Skin Irritation

- Guinea pig, slightly irritating

Eye Irritation

- Rabbit, slightly irritating
- Guinea pig, non-irritating

SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste Disposal Method
Incineration or landfill. Observe all Federal, State, and local laws concerning health and environment.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not applicable

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Not applicable

SECTION 16. OTHER INFORMATION (non-mandatory)

Not applicable