

Material Safety Data Sheets

Date Prepared: 04/03/2000

Products: Low temperature thermoplastic splinting materials comprising of: Splint 1, Splint 2, Splint 3, Splint 4, Splint 6, Splint 7, Splint 0, and variations thereof.

Hazard Rating: Health 1; Fire 1; Reactivity 0; Least 0; Slight 1; Moderate 2; High 3; Extreme 4.

Physical Data

Boiling Point (°F): N/A
Melting Point (°F): 136°-140°
Vapor Pressure (mmHg): N/A
Specific Gravity: 1.1 @ 131°F – 140°F
% Volatile By Volume: N/A
Vapor Density: (air=1) N/A
Solubility in Water: Insoluble Evaporation rate (butyl acetate=1) N/A
Appearance and Odor: Opaque, beige (s), white, pink, blue

Reactivity

Stability: Stable
Hazard Polymerization: Will not occur
Conditions and Materials to Avoid: Fire
Hazardous Decomposition Products: Thermal Decomposition may give off carbon monoxide

Fire and Explosion Hazards

Flash point and method used: 525°F, Cleveland open cup
Flammable Limits: Not determined
Extinguishing Media: Small Fires: CO₂ or dry chemical
Large Fires: Foam or water spray
Special Fire Fighting Procedures / Precautions: None
Unusual Fire and Explosion Hazards: No unusual hazards

Emergency and First Aid Procedures

No unusual hazards