

# MATERIAL SAFETY DATA SHEET

## COLLODION, FLEXIBLE

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**Product/Chemical Name: COLLODION, FLEXIBLE**

**Formula:** Pyroxylin 4%, Ethyl Ether 70%, Ethanol 24%

**Physical Description:** Colorless or slightly yellow, clear or opalescent, syrupy liquid with ether odor  
Boiling point: 94°F (34°C) Specific gravity: 0.8 Water soluble

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**Special Hazards:** Self-contained breathing apparatus required.

**Unusual Fire/Explosion Hazards:** Dangerous fire hazard when exposed to heat or flame.

**Reactivity:** In the presence of oxygen, or when contained in bottles and exposed to sunlight, unstable peroxides sometimes form which may explode spontaneously or when heated.

**Hazardous Decomposition Products:** Thermal decomposition products may include very toxic fumes of hydrogen cyanide and toxic oxides of carbon and nitrogen.

**Spill or Leak Procedures**

**Action:** For small spills, take up with sand or other absorbent material and place in containers for later disposal.

**Disposal Method:** To be performed in compliance with all current local, state and federal regulations.

**Threshold Limit Value:** Ethyl Ether: 400 ppm OSHA TWA; 400 ppm ACGIH TWA; Ethanol 1000 ppm OSHA TWA; 1000 ppm ACGIH TWA.

**Overexposure Effects:** Repeated or prolonged contact with either ethyl ether or ethanol may cause dermatitis or conjunctivitis. Amnesia, impaired judgement, and loss or impairment of mental abilities are possible.

**Potential Carcinogen:** No

**First Aid Procedures**

**Skin:** Remove contaminated clothes and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (approx. 15-20 minutes). Get medical attention immediately.

**Eyes:** Check for and remove any contact lenses. Flush eyes immediately with large amounts of water, keeping eyelids open (approx. 15-20 minutes). Get medical attention immediately.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Inhalation:** Remove from exposure area to fresh area immediately. If breathing has stopped perform CPR. Administration of oxygen should be performed by qualified person. Get medical attention immediately.

**Storage Recommendations:** Light sensitive. Store protected from light.

**Special Protection Information**

Exhaust ventilation recommended. Gloves and safety goggles recommended.

**Special Handling Precautions:** DOT Hazard Class: Flammable Liquid