

**MATERIAL SAFETY DATA SHEET**  
**Essentially Similar to U.S. Department of Labor Form OSHA**  
**Revised 01/20/12**  
**HMIS Health-1 Flammability-3 Reactivity-0**  
**SECTION I-Product Information**

**Manufacturer: A.V.W. Inc.**

**24 Hour Emergency Phone Number: 800-424-9300**

**Product Name: Ink & Adhesive Remover**

**SECTION II**

Hazardous Ingredients

2-Butoxyethanol	CAS# 111-76-2	TWA 100
Isopropanol	CAS# 6763-0	TWA 400
Mineral Spirit	CAS# 8052-41-3	TWA 200
Propane	CAS# 74-98-6	TWA 1000
Butane	CAS# 106-97-8	TWA 800

**SECTION III**

Physical Data

Boiling Point: 188 F

Specific Gravity (H<sub>2</sub>O=1)=0.86

Solubility in water: .0%

Appearance: Colorless liquid with penetrating cellosolve odor

**SECTION IV**

Fire and Explosion Hazard Data

Flash Point: 98F Extremely Flammable Level 3 Aerosol

Extinguishing media: Water, CO<sub>2</sub>, and foam, dry chemical

Special fire Fighting Procedures: Do not expose containers to temps above 120° F.

Unusual fire and Explosion: Forms flammable vapor-air mixtures. Lower temperatures increase the difficulty of getting it to ignite.

**SECTION V**

Health Hazard Data

Time weighted average (TWA): 100 ppm based in the raw material.

Carcinogen: NO

Acute chronic health effects: Excessive exposure may cause irritation to upper respiratory tract. Excessive exposure may cause carboxyhemoglobinemia, they're by impairing the blood's ability to transport oxygen.

Primary Routes of Entry: X Inhalation X Skin X Ingestion

Effects of Overexposure: Eyes-May causes pain, moderate eye irritation and slight corneal injury. Vapors may irritate eyes.

Skin: May cause irritation. Repeated contact may cause drying or flaking of skin.

Inhalation: In confined or poorly ventilated areas, vapors can readily accumulated and cause unconsciousness and death.

Ingestion: May be harmful.

Emergency First Aid Procedures: Eyes- Flush with water 15 minutes. Get medical attention if irritant persist.

Skin: Wash with soap and water.

Ingestion: Do not induce vomiting. Get medical attention immediately.

Inhalation: Move to fresh air. Get medical attention

**SECTION VI**

Reactivity Data

Stability: stable X

Conditions to Avoid: Hydrolysis producing small amounts of hydrochloric acid possible with gross water contamination.

Avoid open flames, welding arcs, or other high temperature sources, which induce thermal decomposition.

Incompatibility: Strong Oxidizers; caustics, chemically active metals such as aluminum, magnesium & sodium.

**SECTION VII**

Spill or Leak Procedures

Steps to take in case material is released or spilled: Use absorbent material and trash receptacle. Waste disposal method Federal and Local regulations.

**SECTION VIII**

Special Protection Information

Respiratory Protection: Adequate ventilation.

Gloves (type): Chemical resistant

Eye protection: Glasses if required

Other Protective Equipment: None

**SECTION IX**

Special Precautions

Precautions to be taken in handling and storing read and follow all label directions. Do not store containers at temperatures above 120°F.