

# Material Safety Data Sheet

## Fabric Fast White Ink

### Section 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: **TEXink3** (All Colors and White)  
Date MSDS prepared: April 15, 2009  
Manufactured for: **Lawson Screen & Digital Products, Inc.**  
5110 Penrose St.  
St. Louis, Mo 63115  
Telephone: (314) 382-9300 Fax: (314) 382-3012  
EMERGENCY: Call CHEMTREC United States 1-800-484-9300/ International +1-703-527-3887 (collect)

### Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION: **White color ink jet ink.**

Components	CAS #	% Wt
Water	7732-18-5	20-60
Glycerin	56-81-5	5-25
Glycol ethers	Proprietary	10-40
Binder	Proprietary	10-50
Surfactant	Proprietary	0.1-2
Pigment dispersion	proprietary	10-50

Section 3: potential health effects. Section 11: available toxicity information. Section 15: regulatory information.

### Section 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Moderately combustible liquid. Slight eye irritant.  
Avoid contact with eyes and skin.

**HAZARD RATING** **NFPA HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0**

**POTENTIAL HEALTH AFFECTS:**

Routes of Entry: Eye, Skin, Inhalation  
EYE CONTACT: May cause minor eye irritation  
SKIN CONTACT: No evidence of harmful effects from available material  
INGESTION: No evidence of harmful effects from available information  
INHALATION: Short-term harmful health effects are not expected from vapor generated at ambient temperature.  
CHRONIC: No adverse chronic health effects are expected from anticipated conditions of normal use.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:**

No known conditions are aggravated by this material.



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#### Section 4: EMERGENCY AND FIRST AID MEASURES

**EYE CONTACT:** Rinse with cool water, remove contact lenses, resume flushing with water for 15 min.  
**SKIN CONTACT:** Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse.  
**INGESTION:** Never give anything orally to a patient who is losing consciousness, unconscious, or convulsing. If patient is conscious, give 2 glasses of water. Seek medical advice. Do not induce vomiting.  
**INHALATION** Remove to fresh air. For breathing difficulty, give oxygen.  
**In any case of persistent irritation, seek medical advice.**

#### SECTION 5: FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** >100 °F estimated  
**FLAMMABLE LIMITS:** None established  
**AUTOIGNITION:** No data available  
**EXTINGUISHING MEDIA:** CO<sub>2</sub> or Dry Chemical for small fires, Alcohol-type or Polymeric foam for large fires.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus and protective clothing. Do not spray directly on burning pools.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** A solid stream of water into hot burning liquid could cause frothing.  
**HAZARDOUS DECOMPOSITION PRODUCTS:**

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**GENERAL:** All waste disposal must be in compliance with local, state, federal and international regulations.  
**SPILL:** Eliminate all sources of ignition. Prevent entry into waterways basements or confined areas. Adsorb with dry earth, sand or other noncombustible materials.

#### SECTION 7: HANDLING AND STORAGE

Avoid contact with eyes, and skin. Keep containers tightly closed. Store in a cool, dry, well ventilated place. Keep away from heat and flame. Use this product promptly after opening. Avoid prolonged exposure to heat and air.

#### SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

**ENGINEERING CONTROLS (ventilation)** Local exhaust in addition to general room ventilation may be required to meet exposure limits.

**PERSONAL PROTECTION:**

Inhalation	If exposure exceeds the occupational limits use approved respiratory protection equipment
Skin	Wear chemical resistant gloves such as butyl rubber or nitrile.
Eye protection:	Safety Glasses or goggles. Use splash goggles when eye contact due to splashing or spraying liquid is possible
Other	Emergency eye wash fountains and safety showers should be available nearby



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## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: White colored liquid with a mild odor.  
VAPOR PRESSURE: ~ 0.4 mm Hg      EVAPORATION RATE: (n-butyl acetate = 1) ~0.02  
VISCOSITY 3-8cps @ 25C      VAPOR DENSITY: >1  
Surface Tension 30-45 dynes/cm      BOILING POINT: N/A  
FREEZING/MELTING POINT: ~-80°C[-112°F] estimated

## SECTION 10: STABILITY & REACTIVITY

STABILITY: Stable, when properly handled  
HAZARDOUS POLYMERIZATION: Not expected to occur.  
CONDITIONS TO AVOID: Extended contact with air or oxygen. Heat sparks, open flame  
other ignition source and oxidizing conditions  
INCOMPATIBILITY: Air or Oxygen. Avoid strong oxidizing materials.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Not expected to occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Tested  
SUBCHRONIC EFFECTS: Not Tested.  
CHRONIC EFFECTS/CARCINOGENICITY: This product has not been tested for chronic effects.

Mutagenicity: Not Tested  
Reproductive Effects: Not Tested .

## SECTION 12: ECOLOGICAL INFORMATION.

ECOTOXICOLOGICAL INFORMATION: No data available  
CHEMICAL FATE INFORMATION No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of according to appropriate local, regional, national and international laws or regulations

## SECTION 14: TRANSPORT INFORMATION

GROUND TRANSPORT: not regulated by USDOT when shipped in packages of 119 gallons  
or less  
Proper Shipping UN/NA ID NA 1993  
DOT Hazard Class Not Regulated  
IMDG Hazard Class Not Regulated  
ICAO/IATA Hazard Class Not Regulated  
ADNR/VBG Hazard Class Not Regulated



**SECTION 15: REGULATORY INFORMATION**

Regulatory Advisory: No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA.

TSCA (Toxic Substances Control Act): This product is listed on TSCA.  
CERCLA (Comprehensive Environmental Response Compensation Act of 1980) requires notification of National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ s) in 40CFR302.4.

Components that could require reporting: NONE

SARA Title III (1986)[40CFR355]

Components present that require emergency planning based on Threshold Planning

Quantities (TPQs) and Reportable Quantities (RQs)..... NONE

SARA Title III (1986)[40CFR372]

Components present requiring submission of annual reports of toxic chemical releases.

None

CAAA -components in this material listed on the Clean Air Act Amendment of 1990: ethylene glycol - 1%

**STATE RIGHT TO KNOW**

Massachusetts Substances List(MSL)

Components with Cas Numbers in this material at a level which could require reporting under the statue are:

Ethylene Glycol ..... CAS # 107-21-1

Pennsylvania

Components with CAS Numbers in this material at a level which could require reporting under the statue are:

Ethylene Glycol ..... CAS # 107-21-1

**SECTION 16: OTHER INFORMATION**

New MSDS

HMIS Rating

Health	1
Flammability	1
Reactivity	0

The data in this Material safety data sheet relates only to the specific material designated and does not relate to use in combination with other material. The information and recommendations contained in this document are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to this information.  
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