

**Manufactured for:** Alsa Corporation  
2640 East 37<sup>th</sup> Street  
Vernon, CA 90058 U.S.A.  
**Information Telephone Number:** (323) 581-5200  
**Emergency Telephone Number:** 800-535-5053 / 352-323-3500

### Section One – General Information

**Material Name:** **ASPC Xposures Ink**  
**Material Description:** Aqueous based ink containing encapsulated liquid crystal  
**Product Composition:** Proprietary information – Please contact ALSA Corporation for further details

### Section Two – Hazardous Ingredients

**Hazardous Ingredients:** Not Established

### Section Three – Physical Data

<b>Boiling Point:</b>	100°C	<b>Melting Point:</b>	0°C
<b>Vapor Pressure:</b>	N/A	<b>% Volatile by Weight:</b>	< 1%
<b>Vapor Density (air = 1):</b>	N/A	<b>Evaporation Rate (BuAc = 1):</b>	< 1
<b>Solubility in Water:</b>	Aqueous Based	<b>Viscosity @ 25°C:</b>	N/A
<b>pH @ 25°C:</b>	N/A	<b>Appearance:</b>	Tan Liquid
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	N/A	<b>Odor:</b>	No Specific Odor

### Section Four – Fire and Explosion Data

**Flash Point:** N/A (°C)  
**Autoignition Temperature:** N/A (°C)  
**Flammable Limits:** N/A  
**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Water, Foam  
**Special Fire Fighting Protective Equipment:** Self-contained breathing apparatus and protective clothing  
**Unusual Fire and Explosion Hazards:** Emits toxic fumes of CO<sub>x</sub> when heated to decomposition

### Section Five – Reactivity Data

**Stability:** Stable  
**Incompatibility (materials to avoid):** Strong acids, oxidizers, and alkalis  
**Hazardous Decomposition Products:** Combustion Products of CO<sub>x</sub>  
**Hazardous Polymerization:** Will not occur

### Section Six – Health Hazard Assessment

**Ingestion:** May cause nausea, gastrointestinal upset, and diarrhea  
**Skin:** May cause irritation over prolonged exposure  
**Inhalation:** May cause respiratory irritation  
**Eyes:** May cause irritation  
**Threshold Limit:** Not Established

**Section Six – Health Hazard Assessment Continued**

**Carcinogen:** OSHA: No  
IARC: No  
NTP: No

**First Aid Procedures:** **Ingestion:** Seek medical attention immediately  
**Inhalation:** Seek medical attention immediately  
**Eyes:** Flush with water for 15 minutes –  
Seek medical attention immediately  
**Skin:** Wash thoroughly with water

**Other effects of overexposure:** May aggravate existing skin conditions

**Section Seven – Spill or Leak Procedures**

**Spills and Leaks:** For clean up, wear appropriate respirator, gloves, safety goggles, and protective clothing -- Soak up liquid with absorbent and shovel into waste container -- Wash spill area with soap and water

**Disposal Method:** Consult local, state, and federal laws for proper disposal methods

**RCRA Waste Number:** N/A

**Section Eight – Special Protection Information**

**Personal Protection:** **Eyes:** Wear safety goggles  
**Skin:** Wear chemical resistant gloves  
**Respiratory:** Use approved respirator  
**Clothing:** Wear lab coat

**Ventilation:** Use general mechanical and local exhaust

**Section Nine – Special Precautions or Other Comments**

**Storage:** Store in a closed container – May refrigerate – DO NOT FREEZE - Do not expose to direct sunlight for extend period of time – Do not expose to high heat (>70°C) for extended period of time

**Handling:** Use proper protective equipment

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N/A= Not Available

Revised on: December 2, 2004