

Manufactured for: Alsa Corporation
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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

Boiling Point:	100°C	Melting Point:	0°C
Vapor Pressure:	N/A	% Volatile by Weight:	< 1%
Vapor Density (air = 1):	N/A	Evaporation Rate (BuAc = 1):	< 1
Solubility in Water:	Aqueous Based	Viscosity @ 25°C:	N/A
pH @ 25°C:	N/A	Appearance:	Tan Liquid
Specific Gravity (H₂O = 1):	N/A	Odor:	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_x 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_x

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 extended 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: ~~Rev at FZG~~