

US DEPARTMENT OF LABOR

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

MATERIAL SAFETY DATA SHEET

SECTION I – GENERAL DATA

MANUFACTURED FOR: PRODUCT NAME: SILK SCREEN PLASTISOL  
ATLAS SCREEN SUPPLY CO. PRODUCT NUMBER: PLASTISOL INK  
9353 SEYMOUR AVENUE CHEMICAL FAMILY: N/A  
SCHILLER PARK, IL 60176

EMERGENCY# (800) 535-5035 HAZARDOUS RATINGS: HEALTH: 1  
FIRE: 1  
REACTIVITY: 0

SECTION II – HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	OSHA-PEL	ACGIH-TLV
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N/A

SECTION III – PHYSICAL DATA

BOILING POINT:	N/A
VAPOR PRESSURE (mm Hg. at 20deg.C):	N/D
VAPOR DENSITY (AIR=1):	N/D
SPECIFIC GRAVITY:	1.07 to 1.45
PERCENT VOLATILE VOLUME:	N/D
SOLUBILITY IN WATER:	Negligible
EVAPORATION RATE (BUTYL ACETATE = 1)	N/A
APPEARANCE AND ODOR:	Various colored paste Slight odor

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT N/A FLAMABLE LIMITS LEL: UEL N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, water fog

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and standard fire fighting protective clothing

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

N/A = NOT APPLICABLE

N/D = NOT DETERMINED

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SECTION V – REACTIVITY DATA

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STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide, carbon monoxide, hydrogen chloride, oxides from stabilizers
CONDITIONS TO AVOID:	Excessive heat, poor ventilation
INCOMPATIBILITY:	Strong oxidizing agents

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SECTION VI – SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE OF SPILL:	Dike area to contain spill, salvage as much as possible for reuse, use absorbent to clean up remainder or small spills
WASTE DISPOSAL METHOD:	In accordance with local, state, and federal regulations

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SECTION VII - HEALTH DATA

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ROUTES OF ENTRY: EYES: possible – SKIN: most likely  
 INHALATION: possible – INGESTION: not likely

EFFECTS OF OVEREXPOSURE: EYES – May cause irritation  
 SKIN – May cause irritation, defatting, or dermatitis  
 INHALATION - May cause irritation of respiratory tract, narcosis, or headaches  
 INGESTION – May cause nausea, cramps, and diarrhea

EFFECTS MAY BE ACCELERATED BY HIGHER PRODUCT TEMPERATURES DURING  
 MANUFACTURING PROCESS.

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FIRST AID: EYES – Immediately flush with plenty of water. Get medical attention.  
 SKIN – Remove contaminated clothing and launder before reusing. Wash affected area with  
 plenty of soap and water.  
 INHALATION – Remove to fresh air. If necessary, give artificial respiration. Get medical  
 attention.  
 INGESTION – Induce vomiting and dilute by drinking water. Never give liquids to an  
 unconscious person. Get medical attention.

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SECTION VIII – SPECIAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator suitable for concentrations  
 and types of air contaminants encountered  
 VENTILATION: Local mechanical exhaust ventilation recommended  
 GLOVES: Impervious (neoprene)  
 EYE PROTECTION: Chemical goggles/glasses  
 OTHER EQUIPMENT: Safety shower and/or eye wash station

SECTION IX – SPECIAL PRECAUTIONS

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HANDLING AND STORAGE PRECAUTIONS: Keep container airtight in a dry area away from heat and water when not in use. Practice “good” industrial housekeeping and hygiene.

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SECTION X – ADDITIONAL INFORMATION

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This product contains the following toxic chemical category(ies) subject to the reporting requirements of SARA Title III Sect. 313 (max percent by weight)

N/A

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