

SCREEN PRINTING INKS MSDS GUIDE

The following plastisol products are covered by Material Safety Data Sheet MSDS8:

10LF	151LF	310LF	734LF	911LF	3801LF	7509LF	7724PF
12HPLF	152LF	313LF	735LF	912LF	3805LF	7511LF	7726PF
13LF	154LF	316LF	736LF	913LF	3806LF	7513LF	7728PF
16LF	155LF	531LF	737LF	914LF	3807LF	7515LF	7802LF
22LF	156LF	532LF	738LF	915LF	3808LF	7517LF	7804LF
24LF	157LF	537LF	739LF	916LF	3809LF	7519LF	7812LF
25LF	158LF	538LF	740LF	917LF	3810LF	7521LF	7816LF
26LF	159LF	539LF	741LF	920LF	3811LF	7523LF	7820LF
35LF	160LF	546LF	742LF	926LF	3816LF	7525LF	7822LF
37LF	161LF	562LF	743LF	931LF	7000LF	7527LF	7824LF
44LF	162LF	566LF	745LF	932LF	7001LF	7529LF	9201LF
46LF	163LF	572LF	746LF	933LF	7031LF	7531LF	9202LF
52LF	164LF	600LF	756LF	935LF	7032LF	7533LF	9204LF
56LF	165LF	606LF	762LF	937LF	7033LF	7535LF	9206LF
60LF	166LF	608LF	764LF	938LF	7034LF	7536LF	9208LF
62LF	167LF	613LF	765LF	939LF	7037LF	7538LF	9210LF
63LF	168LF	616LF	766LF	952LF	7038LF	7602LF	9212LF
65LF	169LF	622LF	768LF	955LF	7039LF	7604LF	9214LF
66LF	170LF	626LF	769LF	956LF	7040LF	7606LF	9216LF
68LF	171LF	631LF	771LF	957LF	7041PF	7608LF	9218LF
69LF	199LF	632LF	772LF	966LF	7044LF	7610LF	9220LF
71LF	220LF	633LF	773LF	969LF	7045LF	7612LF	9222LF
73LF	222LF	634LF	774LF	976LF	7050LF	7614LF	9224LF
76LF	251LF	635LF	775LF	1095LF	7201LF	7616LF	9226LF
83LF	252LF	636LF	788LF	1096LF	7202LF	7617LF	9228LF
84LF	254LF	637LF	791LF	1099LF	7204LF	7618LF	11201LF
86LF	256LF	638LF	792LF	1106LF	7206LF	7620LF	11202LF
89LF	258LF	646LF	793LF	1110LF	7208LF	7622LF	11204LF
92LF	260LF	656LF	794LF	1112LF	7210LF	7623LF	11206LF
96LF	262LF	666LF	796LF	1113LF	7212LF	7624LF	11208LF
106LF	264LF	668LF	797LF	1116LF	7214LF	7626LF	11210LF
108LF	266LF	672LF	820LF	1127LF	7216LF	7627LF	11212LF
109LF	268LF	688LF	842LF	1136LF	7218LF	7628LF	11214LF
111LF	270LF	706LF	843LF	1138LF	7401LF	7630LF	11216LF
112LF	272LF	710LF	844LF	1143LF	7402LF	7646LF	11218LF
131LF	274LF	711LF	845LF	1146LF	7404LF	7666LF	11220LF
133LF	276LF	712LF	846LF	1153LF	7406LF	7668LF	11222LF
135LF	278LF	713LF	847LF	1156LF	7408LF	7673LF	11224LF
137LF	310LF	714LF	848LF	1160LF	7410LF	7697LF	11226LF
138LF	313LF	715LF	849LF	1164LF	7412LF	7701PF	11228LF
140LF	316LF	716LF	851LF	1166LF	7414LF	7702PF	
141LF	326LF	717LF	901LF	1168LF	7416LF	7704PF	
142LF	331LF	718LF	902LF	1169LF	7418LF	7706PF	
143LF	346LF	720LF	903LF	1170LF	7420LF	7708PF	
144LF	366LF	723LF	904LF	1172LF	7422LF	7710PF	
146LF	372LF	724LF	905LF	1173LF	7424LF	7712PF	
147LF	388LF	727LF	906LF	1176LF	7426LF	7714PF	
148LF	500LF	730LF	907LF	1182LF	7428LF	7716PF	
149LF	506LF	731LF	908LF	1184LF	7503LF	7718PF	
150LF	510LF	732LF	909LF	1199LF	7505LF	7720PF	
153LF	513LF	733LF	910LF	1500LF	7507LF	7722PF	

REV-031109

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME : SCREEN PRINTING PLASTISOL INKS

MSDS CODE : MSDS8

CHEMICAL NAME : Polyvinyl Chloride Plastisol

HMIS CODES: H * F R P

1 1 0 B

SECTION 1 - PRODUCT AND MANUFACTURE IDENTIFICATION

Common names : Polyvinyl Chloride Plastisol Silk Screen Inks

Manufacturer's name : International Coatings Company, Inc.

Address : 13929 East 166th Street Cerritos, CA 90702-7666

Emergency phone : (800) 255-3924

Name of preparer : A. Nucup

Business phone : (562) 926-1010

Date prepared : 10/12/08

Supersedes dated : 09/12/08

Date printed : 10/21/08

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION

Ingredients	ACGIH (TLV)	OSHA (PEL)	CAS Number	Vapor pressure mm Hg @ Temp	Weight Percent
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These products do not contain 1% or more of any known currently listed hazardous ingredients nor do they contain 0.1% or more carcinogenic or suspected carcinogenic agents as defined in 29 CFR 1910.1200.

These products, as would any other compounds made of PVC resins, may possibly contain trace amounts of Vinyl Chloride Monomer (VCM), a chemical known to the State of California to cause cancer. This statement is included as required by the State of California's Proposition 65.

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE : >420°F @5mmhg SPECIFIC GRAVITY (H2O=1) : 1.35 -1.65

VAPOR DENSITY (Air=1) : >1 EVAPORATION RATE (Ether=1) : <1

COATING V.O.C. : <0.1 lb/gallon VOLATILE (% by volume) : <1

SOLUBILITY IN WATER : Insoluble

APPEARANCE AND ODOR : Smooth thick liquid, faint odor.

The VOC content of this material is <0.1 lb/gallon.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : >400°F METHOD USED : C.O.C.

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER : Not Determined Upper: Not Determined

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Self contained breathing apparatus must be worn while fighting chemical fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Irritating toxic fumes, carbon dioxide and carbon monoxide may form at high temperatures.

SECTION V - REACTIVITY DATA

STABILITY : Stable

CONDITIONS TO AVOID : Exposure to heat and humidity.

INCOMPATIBILITY (MATERIALS TO AVOID) : Alkaline materials, strong acids and oxidizing materials.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS : Carbon monoxide, carbon dioxide, hydrogen chloride.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI- HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Inhaled: May cause irritation of the upper respiratory tract.

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SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May irritate and burn the eyes, may cause skin dermatitis.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: None known.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause nausea, diarrhea and gastrointestinal disturbances.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute : May cause irritation of the eyes, upper respiratory tract, mucous membranes and skin.

Chronic : May cause irritation of the eyes, upper respiratory tract, mucous membranes and skin.

CARCINOGENICITY: Yes NTP CARCINOGEN: Yes IARC MONOGRAPHS: Yes OSHA REGULATED: Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin conditions.

EMERGENCY AND FIRST AID PROCEDURES:

Eye contact : Flush with water for 15 minutes. If irritation persists, seek medical attention.

Skin contact : Wash with soap and water.

Inhaled : Remove to fresh air.

Swallowed : If conscious induce vomiting. Consult a physician.

SECTION VII- SPILL OR LEAK AND DISPOSOL PROCEDURES

SPILL RESPONSE PROCEDURES (Include employee protection measures):

Contain spill with vermiculite or other absorbent material.

PREPARING WASTES FOR DISPOSAL (Container types, neutralization, etc.):

Transfer to disposal drum. This product is not classified as hazardous waste.

Note: Dispose of all wastes in accordance with Federal, State, Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

VENTILATION AND ENGINEERING CONTROLS:

Good mechanical ventilation should be provided in the workplace.

RESPIRATORY PROTECTION: None required.

EYE PROTECTION (Type): Splash proof glasses recommended.

GLOVES (Specify material): Neoprene type chemical resistant gloves recommended.

OTHER CLOTHING AND EQUIPMENT: None required.

WORK PRACTICES, HYGIENIC PRACTICES:

Avoid excessive contact with skin. Wash hands with soap and water after contact before eating, drinking or smoking.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Store in cool dry place. Elevated temperatures thicken product and shorten useful life.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:

Use impervious gloves for clean up.

SECTION IX - SPECIAL PRECAUTIONS

LABELING (Precautionary statements):

None

D.O.T. Label: Not regulated

International Coatings Co., Inc. believes to the best of its knowledge that the information provided herein, is factual and the recommendations made are accurate as of the date shown. However, no representation or warranty is made as to their completeness or accuracy.