

SCREEN PRINTING INKS MSDS GUIDE

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

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

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME : SCREEN PRINTING 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 : 03/21/05
Supersedes dated : 04/28/99 Date printed : 03/21/05

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION

Ingredients	ACGIH (TLV)	OSHA (PEL)	CAS Number	Vapor pressure mm Hg @ Temp	Weight Percent
Vinyl Chloride Monomer (vcm)	5 ppm	1 ppm	75-01-4		<0.05ppm

This product, as would any other compound 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 Proposition 65 of the State of California.

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.

MATERIAL SAFETY DATA SHEET

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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.