

SCREEN PRINTING INKS MSDS GUIDE

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

10LF	144LF	326LF	710LF	796LF	976LF	5219LF	7618LF
12HPLF	150LF	331LF	711LF	797LF	1095LF	5224LF	7620LF
13LF	151LF	346LF	712LF	820LF	1096LF	5226LF	7622LF
16LF	152LF	366LF	713LF	842LF	1099LF	5228LF	7624LF
22LF	153LF	372LF	714LF	843LF	1106LF	7000LF	7626LF
24LF	154LF	388LF	715LF	844LF	1110LF	7031LF	7628LF
25LF	155LF	500LF	716LF	845LF	1112LF	7034LF	7630LF
26LF	156LF	506LF	717LF	846LF	1113LF	7201LF	7802LF
35LF	157LF	510LF	720LF	847LF	1116LF	7202LF	7804LF
37LF	158LF	513LF	723LF	848LF	1127LF	7204LF	7812LF
44LF	159LF	310LF	724LF	849LF	1136LF	7206LF	7816LF
46LF	160LF	313LF	727LF	851LF	1138LF	7208LF	7820LF
52LF	161LF	316LF	730LF	901LF	1143LF	7210LF	7822LF
56LF	162LF	531LF	731LF	902LF	1146LF	7212LF	7824LF
60LF	163LF	532LF	732LF	903LF	1153LF	7214LF	9201LF
62LF	164LF	537LF	733LF	904LF	1156LF	7216LF	9202LF
63LF	165LF	538LF	734LF	905LF	1160LF	7218LF	9204LF
65LF	166LF	539LF	735LF	906LF	1164LF	7503LF	9206LF
66LF	167LF	546LF	736LF	907LF	1166LF	7505LF	9208LF
68LF	168LF	562LF	737LF	908LF	1168LF	7507LF	9210LF
69LF	169LF	566LF	738LF	909LF	1169LF	7509LF	9212LF
71LF	170LF	572LF	739LF	910LF	1170LF	7511LF	9214LF
73LF	171LF	600LF	740LF	911LF	1172LF	7513LF	9216LF
76LF	199LF	606LF	741LF	912LF	1173LF	7515LF	9218LF
83LF	220LF	608LF	743LF	913LF	1176LF	7517LF	9220LF
84LF	222LF	613LF	745LF	914LF	1182LF	7519LF	9222LF
86LF	251LF	616LF	746LF	915LF	1184LF	7521LF	9224LF
89LF	252LF	622LF	756LF	916LF	1199LF	7523LF	9226LF
92LF	254LF	626LF	762LF	917LF	1500LF	7525LF	9228LF
96LF	256LF	631LF	764LF	920LF	3801LF	7527LF	11013LF
106LF	258LF	632LF	765LF	926LF	3805LF	7529LF	11016LF
108LF	260LF	633LF	766LF	931LF	3806LF	7531LF	11201LF
109LF	262LF	634LF	768LF	932LF	3808LF	7533LF	11203LF
111LF	264LF	635LF	769LF	933LF	5013LF	7535LF	11205LF
112LF	266LF	636LF	771LF	935LF	5016LF	7536LF	11207LF
131LF	268LF	637LF	772LF	937LF	5201LF	7538LF	11209LF
133LF	270LF	638LF	773LF	938LF	5203LF	7602LF	11211LF
135LF	272LF	646LF	774LF	939LF	5205LF	7604LF	11213LF
137LF	274LF	656LF	775LF	952LF	5207LF	7606LF	11215LF
138LF	276LF	666LF	788LF	955LF	5209LF	7608LF	11217LF
140LF	278LF	668LF	791LF	956LF	5211LF	7610LF	11219LF
141LF	310LF	672LF	792LF	957LF	5213LF	7612LF	11224LF
142LF	313LF	688LF	793LF	966LF	5215LF	7614LF	11226LF
143LF	316LF	706LF	794LF	969LF	5217LF	7616LF	11228LF

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME : Silk Screen Printing Inks (as per attached sheet)
MSDS CODE : MSDS8
CHEMICAL NAME : Polyvinyl Chloride Plastisol
HMIS CODES: H * F R P
1 0 0 X

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 : J.R. Murthy
Business phone : (562) 926-1010 Date prepared : 04/11/01
Supersedes dated : 04/28/99 Date printed : 04/11/01

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION

Ingredients	ACGIH (TLV)	OSHA (PEL)	CAS Number	Vapor pressure mm Hg @ Temp	Weight Percent
Vinyl Chloride Monomer (vcn)	5 ppm	1 ppm	75-01-4	<0.5ppm	

This product may contain trace amounts of Vinyl Chloride monomer, 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.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : >200°F METHOD USED : C.O.C.
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER : Not applicable Upper : Not applicable
EXTINGUISHING MEDIA:
Water spray, Foam, Carbon dioxide, Dry chemical
SPECIAL FIREFIGHTING PROCEDURES:
Self-contained breathing apparatus should be worn if fighting chemical fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Irritating toxic fumes 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:

Skin contact: none known.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May cause nausea, vomiting and diarrhea.

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:

None known.

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.