

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 1 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 : 03/12/03
 Supersedes dated : 04/28/99 Date printed : 03/12/03

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		<0.05ppm

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 di oxide 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:

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.

SCREEN PRINTING INKS MSDS GUIDE

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

10LF	153LF	510LF	727LF	904LF	1168LF	7412LF	7710PF
12HPLF	154LF	513LF	730LF	905LF	1169LF	7414LF	7712PF
13LF	155LF	310LF	731LF	906LF	1170LF	7416LF	7714PF
16LF	156LF	313LF	732LF	907LF	1172LF	7418LF	7716PF
22LF	157LF	316LF	733LF	908LF	1173LF	7420LF	7718PF
24LF	158LF	531LF	734LF	909LF	1176LF	7422LF	7720PF
25LF	159LF	532LF	735LF	910LF	1182LF	7424LF	7722PF
26LF	160LF	537LF	736LF	911LF	1184LF	7426LF	7724PF
35LF	161LF	538LF	737LF	912LF	1199LF	7428LF	7726PF
37LF	162LF	539LF	738LF	913LF	1500LF	7503LF	7728PF
44LF	163LF	546LF	739LF	914LF	3801LF	7505LF	7802LF
46LF	164LF	562LF	740LF	915LF	3805LF	7507LF	7804LF
52LF	165LF	566LF	741LF	916LF	3806LF	7509LF	7812LF
56LF	166LF	572LF	743LF	917LF	3808LF	7511LF	7816LF
60LF	167LF	600LF	745LF	920LF	5201LF	7513LF	7820LF
62LF	168LF	606LF	746LF	926LF	5202LF	7515LF	7822LF
63LF	169LF	608LF	756LF	931LF	5204LF	7517LF	7824LF
65LF	170LF	613LF	762LF	932LF	5206LF	7519LF	9201LF
66LF	171LF	616LF	764LF	933LF	5208LF	7521LF	9202LF
68LF	199LF	622LF	765LF	935LF	5210LF	7523LF	9204LF
69LF	220LF	626LF	766LF	937LF	5212LF	7525LF	9206LF
71LF	222LF	631LF	768LF	938LF	5214LF	7527LF	9208LF
73LF	251LF	632LF	769LF	939LF	5216LF	7529LF	9210LF
76LF	252LF	633LF	771LF	952LF	5218LF	7531LF	9212LF
83LF	254LF	634LF	772LF	955LF	5220LF	7533LF	9214LF
84LF	256LF	635LF	773LF	956LF	5222LF	7535LF	9216LF
86LF	258LF	636LF	774LF	957LF	5224LF	7536LF	9218LF
89LF	260LF	637LF	775LF	966LF	5226LF	7538LF	9220LF
92LF	262LF	638LF	788LF	969LF	5228LF	7602LF	9222LF
96LF	264LF	646LF	791LF	976LF	7000LF	7604LF	9224LF
106LF	266LF	656LF	792LF	1095LF	7031LF	7606LF	9226LF
108LF	268LF	666LF	793LF	1096LF	7034LF	7608LF	9228LF
109LF	270LF	668LF	794LF	1099LF	7201LF	7610LF	11201LF
111LF	272LF	672LF	796LF	1106LF	7202LF	7612LF	11202LF
112LF	274LF	688LF	797LF	1110LF	7204LF	7614LF	11204LF
131LF	276LF	706LF	820LF	1112LF	7206LF	7616LF	11206LF
133LF	278LF	710LF	842LF	1113LF	7208LF	7618LF	11208LF
135LF	310LF	711LF	843LF	1116LF	7210LF	7620LF	11210LF
137LF	313LF	712LF	844LF	1127LF	7212LF	7622LF	11212LF
138LF	316LF	713LF	845LF	1136LF	7214LF	7624LF	11214LF
140LF	326LF	714LF	846LF	1138LF	7216LF	7626LF	11216LF
141LF	331LF	715LF	847LF	1143LF	7218LF	7628LF	11218LF
142LF	346LF	716LF	848LF	1146LF	7401LF	7630LF	11220LF
143LF	366LF	717LF	849LF	1153LF	7402LF	7701PF	11222LF
144LF	372LF	718LF	851LF	1156LF	7404LF	7702PF	11224LF
150LF	388LF	720LF	901LF	1160LF	7406LF	7704PF	11226LF
151LF	500LF	723LF	902LF	1164LF	7408LF	7706PF	11228LF
152LF	506LF	724LF	903LF	1165LF	7410LF	7708PF	