

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME : 1181LF and 1189LF plastisol silk screen printing inks.
 MSDS CODE : MSDS8
 CHEMICAL NAME : Polyvinyl Chloride Resin Dispersion in plasticizer

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SECTION I - 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 : 08/04/03
 Supersedes dated : 04/28/99 Date printed : 08/04/03

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION

Ingredients	ACGIH (TLV)	OSHA (PEL)	CAS Number	Vapor pressure mm Hg @ Temp	Weight Percent
Vinyl Chloride Monomer (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

OILING RANGE : >420°F @5mmhg SPECIFIC GRAVITY (H2O=1) : 1.35 -1.65
 APOR 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.
 COMPATIBILITY (MATERIALS TO AVOID) : Alkaline materials, strong acids and oxidizing materials.
 DANGEROUS DECOMPOSITION OR BYPRODUCTS : Carbon monoxide, Carbon dioxide, Hydrogen chloride.
 DANGEROUS POLYMERIZATION : Will not occur.

SECTION VI- HEALTH HAZARD DATA

RESPIRATORY HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
 Potential: 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.

MUTAGENICITY: 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 DISPOSAL PROCEDURES

PILL RESPONSE PROCEDURES (Include employee protection measures):

Contain spill with vermiculite or other absorbent material.

REPAIRING 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

DECLARATION (Precautionary statements):

None

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.