

TRADE NAME: Pro-Gloss Process Inks

DATE: January 2006
(Revised)

I. PRODUCT IDENTIFICATION

Name/Synonym: Oil Base Lithographic Ink Part Numbers: See page 3

Manufactured/Distributed by:

Presstek, Inc.
55 Executive Drive
Hudson, NH 03051

Emergency Phone - Day - (603) 595-7000
Night - Chemtrec (800)424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only
(ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

Chemical Name	CAS#	OSHA ACGIH, NIOSH NTP, IARC			WT %	
		PEL	TLV, EXPOSURE LIMITS	OSHA		
		TWA	STEL	Carcinogen		
*technical white oils	8042-47-5	5mg/M3	5mg/M3	10mg/M3	No	20-30
carbon black pigment **	1333-86-4	3.5mg/M3	3.5mg/M3***		No	10-15
petroleum distillate (severely hydrotreated)	N/E	N/E	N/E	N/E	No	20-25
vegetable oil*	N/E	N/E	N/E	N/E	No	3-5

* as oil mist. ** When wetted by vehicle, as in this product, it is no longer considered to be a health hazard. *** As nuisance dust. **** various, by color, see page 3

III. PHYSICAL PROPERTIES

Boiling Point (°F): over 200°F Specific Gravity (H2O=1): > 1
Vapor Pressure (mmHg): 0.1@70°F Melting Point: N/A
Vapor Density (Air=1): Heavier Evaporation Rate
Solubility in Water: Insoluble (butyl acetate=1): Much slower
Appearance: Colored Paste pH: N/A
Odor: Oily odor

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Over 200°F PMCC Flammable Limits: LEL: N/E UEL: N/E
Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog.
Special Fire Fighting Procedure: Water may be ineffective, but can be used to cool containers exposed to heat or flame. Fog nozzles are preferable if water is used.
Unusual Fire/Explosion Hazards: Dense smoke generated while burning.

N/A = Not Applicable
N/E = Not Established

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)
See list below for specific ink.

	Reorder Number	Description	EPA Reportable
1 lb. can	5 lb. can		
83-1-105705	83-8-105781	Pro-Gloss Rubine	N/A
-	83-7-105782	Pro-Gloss Red	N/A
83-0-105706	83-6-105783	Pro-Gloss Cyan	15% copper
83-9-105707	83-5-105784	Pro-Gloss Yellow	N/A
83-5-105560	83-4-105561	Pro-Gloss Black	N/A

Reportable Quantity (40 CFR 355: SARA Sec. 302)
As copper RQ 10,000 lbs.

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)

As copper RQ 5000 lbs

RCRA Waste Number

None

Volatile Organic Compounds

2.5 lbs./gallon, 0.3 lbs./lb. or 300 grams/liter (calculated)

SARA Hazard Class

Acute: NO Chronic: YES Fire: NO Pressure: NO Reactivity: NO

H.M.I.S. Rating

Health: 1 Flammability: 1 Reactivity: 0

XI. DOT SHIPPING INFORMATION

Surface: Not Regulated Air: Not Regulated

Proper Shipping Name: N/E

UN N/E Class N/E Labels: None Required

NOTE:

The chemicals in this product are listed on the TSCA inventory.

XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. Presstek believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of Presstek, it is the obligation of the user to determine the conditions for safe use.