

TRADE NAME: Pro-Gloss Pantone Color Inks

DATE: May 2013
(Revised)

I. PRODUCT IDENTIFICATION

Name/Synonym: Oil Base Lithographic Ink Part Numbers: See page 4

Manufactured for/Distributed by:

Mark Andy, Inc.
18081 Chesterfield Airport Rd.
Chesterfield, MO 63005

Phone: (US)800-225-4835 (CAN)800-387-3143

Emergency Phone: 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 4

III. PHYSICAL PROPERTIES

Boiling Point (°F): over 200°F Specific Gravity (H2O=1): Greater than 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/Odor: Colored paste pH: N/A
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. It 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)
Pigments contain copper and barium, varies with color, see page 4.
Reportable Quantity (40 CFR 355: SARA Sec. 302)
None
Hazardous Substance (40 CFR 302: CERCLA Table 302.4)
Varies by color, see page 4
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. Mark Andy, Inc. 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 Mark Andy, Inc., it is the obligation of the user to determine the conditions for safe use.

PART NUMBER		DESCRIPTION	EPA SARA REPORTABLE % TOTAL PIGMENT
1 lb.	5 lbs.		
990-0100	990-01005	Opaque White	N/A
990-0500	990-05005	Pro-Gloss Transparent White	N/A
990-1000	990-10005	Pro-Gloss Neutral Black	N/A
990-165	990-1655	Pro-Gloss 165 Orange	14% barium
990-185	990-1855	Pro-Gloss 185 Red	21% barium
990-2000	990-20005	Pro-Gloss Yellow (Pantone^)	N/A
990-221	990-2215	Pro-Gloss 221 Maroon	N/A
990-3000	990-30005	Pro-Gloss Warm Red (Pantone^)	28% barium
990-347	990-3475	Pro-Gloss 347 Green	9% copper
990-4000	990-40005	Pro-Gloss Rubine (Pantone^)	N/A
990-470	990-4705	Pro-Gloss 470 Brown	8% barium
990-5000	990-50005	Pro-Gloss Rhodamine	N/A
990-6000	990-60005	Pro-Gloss Purple	N/A
990-7000	990-70005	Pro-Gloss Reflex Blue	9% copper
990-8000	990-80005	Pro-Gloss Process Blue	15% copper
990-9000	990-90005	Pro-Gloss Green	4% copper
990-9500	990-95005	Pro-Gloss Violet	N/A

^ Pantone, Inc. checkstandard trademark for color standards.