

TRADE NAME: Extra Latitude Ink

DATE: May 2013  
(Revised)

I. PRODUCT IDENTIFICATION

Name/Synonym: Oil Base Lithographic Ink Part Number: (Page 4)

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

Company 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 PEL	ACGIH, NIOSH TLV, EXPOSURE LIMITS		NTP, IARC OSHA CARCINOGEN	WT %
			TWA	STEL		
*technical white oil pigments**	8042-47-5	5mg/m3	N/E	N/E	No	30
		N/E	N/E	N/E	No	13-15

\*Rated by OSHA for oil mist only.  
\*\* various by color. see page 4

III. PHYSICAL PROPERTIES

Boiling Point (°F): > 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: < 0.1 % (butyl acetate=1): < 0.2  
Appearance/Odor: Various colors pH: N/A  
paste/oily odor

IV. FIRE AND EXPLOSION HAZARD

Flash Point: > 200°F PMCC Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog.  
Special Fire Fighting Procedure: Water may be ineffective, but 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 when burned.

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



X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)  
Pigments with 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 with 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: no 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 NUMBERS		DESCRIPTION	EPA SARA REPORTABLE PIGMENT CONTENT
1 lb.	5 lbs.		
960-001	960-0015	Dense Black	N/A
960-002	960-0025	Process Yellow	N/A
960-003	960-0035	Process Red	N/A
960-004	960-0045	Process Blue	15% copper
960-0100*	960-01005**	Pantone^ Opaque White	N/A
960-0500	960-05005	Pantone^ Transparent White	N/A
960-1000	960-10005	Pantone^ Neutral Black	N/A
960-2000	960-20005	Pantone^ Yellow	N/A
960-3000	960-30005	Pantone^ Warm Red	28% barium (1)
960-4000	960-40005	Pantone^ Rubine	N/A
960-5000	960-50005	Pantone^ Rhodamine	N/A
960-6000	960-60005	Pantone^ Purple	N/A
960-7000	960-70005	Pantone^ Reflex Blue	9% copper
960-8000	960-80005	Pantone^ Process Blue	15% copper
960-9000	960-90005	Pantone^ Green	18% copper
960-9500	960-95005	Pantone^ Violet	N/A
960-109	960-1095	Pantone^ 109 Yellow	0.5% barium
960-151	960-1515	Pantone^ 151 Orange	7% barium
960-154	960-1545	Pantone^ 154 Brown	6% barium
960-181	960-1815	Pantone^ 181 Brown	22% barium
960-185	960-1855	Pantone^ 185 Red	21% barium
960-199	960-1995	Pantone^ 199 Red	N/A
960-273	960-2735	Pantone^ 273 Purple	4% copper
960-286	960-2865	Pantone^ 286 Blue	11% copper
960-293	960-2935	Pantone^ 293 Blue	12% copper
960-300	960-3005	Pantone^ 300 Blue	14% copper
960-347	960-3475	Pantone^ 347 Green	9% copper
960-354	960-3545	Pantone^ 354 Green	15% copper
960-357	960-3575	Pantone^ 357 Green	12% copper
960-361	960-3615	Pantone^ 361 Green	15% copper
960-469	960-4695	Pantone^ 469 Brown	8% barium
960-470	960-4705	Pantone^ 470 Brown	10% barium, 0.5% copper

\* 1.5 lbs. \*\* 7.8 lbs.

^ Pantone, Inc. check standard trademark for color standards.

(1) TCLP extraction and subsequent analysis of this ink for barium resulted in <0.5mg/l of barium extracted. Current regulated limit is 100mg/l for barium.