

Premium System
 TRADE NAME: Electrostatic Black Ink

(Revised)
 DATE: January, 1996

I. PRODUCT IDENTIFICATION

PS274-5 5 lbs.

PS274-P 1 lb.

Name/Synonym: Lithographic Ink

Part Numbers: PS274-C cartridge

Manufactured/Distributed by:

AM MULTIGRAPHICS
 1800 West Central Road
 Mt. Prospect, Illinois 60056

Emergency Phone - Day - (847) 375-5956
 Night - Chemtrec (800) 424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only

Chemical Name	CAS#	OSHA PEL	ACGIH, NIOSH TLV, EXPOSURE LIMITS		NTP, IARC OSHA	WT %
			TWA	STEL		
*modified rosin esters & hydrocarbon resins	N/E	N/E	N/E	N/E	No	20-25
carbon black***	1333-86-4	3.5mg/m ³	N/E	N/E	No	20-25
petroleum distillate (severely hydrotreated)	N/E	N/E	N/E	N/E	No	20-25
technical white oil	8042-47-5	5mg/m ³ **	N/E	N/E	No	10-15
vegetable oils	N/E	5mg/m ³ **	N/E	N/E	No	3-5
*vegetable oil alkyds	N/E	N/E	N/E	N/E	No	3-5
*bodied linseed oil	67746-08-1	N/E	N/E	N/E	No	3-5
*anti-oxidant compound	N/E	N/E	N/E	N/E	No	3-5

* non-hazardous as defined by 29CFR1910.1200. ** as oil mist. *** When wetted with vehicle, as in this product, it is no longer considered to be a health hazard.

III. PHYSICAL PROPERTIES

Boiling Point (°F): Over 200°F Specific Gravity (H₂O = 1) 1.0+
 Vapor Pressure (mm Hg.): N/A Melting Point: N/A
 Vapor Density (Air = 1) N/A Evaporation Rate:
 Solubility in Water: Insoluble (butyl acetate = 1) Slower
 Appearance/Odor: Black paste, oily odor pH: N/A

IV. FIRE AND EXPLOSION HAZARD

Flash Point (Method): 260°F PMCC Flammable Limits: LEL:N/E UEL:N/E
 Extinguishing Media: Foam, CO₂, dry chemical.
 Special Fire Fighting Procedure: Water can be used to keep material cool. Self-contained breathing apparatus may be required.
 Unusual Fire/Explosion Hazards: Dense smoke may be generated while burning. Ink soiled cloths are subject to spontaneous combustion.

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

V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: Excess heat.
Incompatibility, Materials to Avoid: Strong oxidizing agents.
Hazardous Decomposition Products: Dense smoke and possible oxides
of carbon during a fire.
Hazardous Polymerization: Will not occur.

VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Wipe up spills with rags. Dispose of rags in containers approved
for oily waste. Disposal: Landfill or incineration in accordance
with local, state and federal regulations for non-hazardous waste.

VII. HEALTH HAZARD DATA

A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects.

Eye: Contact may cause burning and irritation.

Skin: Prolonged or repeated exposure may cause
irritation or dermatitis.

Inhalation: Excessive inhalation of vapors may cause
headaches, dizziness, drowsiness and nausea.

Ingestion: May cause irritation or gastric disturbance.

Target Organs: Skin

B) Carcinogenicity: Ingredients not found in NTP, OSHA or IARC.

C) Medical conditions generally aggravated by normal exposure:
Some skin disorders, such as dermatitis.

D) Emergency and First Aid

Eye: Rinse thoroughly with water, at least 15 minutes.

If irritation persists, consult a physician.

Skin: Wash with mild soap and water.

Inhalation: Remove to fresh air. Apply artificial
respiration if needed. Consult a physician.

Ingestion: DO NOT induce vomiting. Get medical aid.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: Not normally required.

Ventilation: General ventilation as per local or state regulations.

Protective Gloves: Use for clean-up Eye Protection: Optional

Other Protection: Apron, boots and impervious clothing as needed to
avoid excessive skin contact.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Keep containers closed when not in use. Keep
away from excessive heat, sparks and open flame.

Other: Wash hands and face with soap and water before eating or
smoking. Do not reuse container. Keep from reach of children.
For Commercial/Industrial use only.

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)

None

Reportable Quantity (40 CFR 355: SARA Sec. 302)

None

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)

None

RCRA Waste Number

None

Volatile Organic Compounds

0.42 lbs/gal or 51 g/l (EPA method 24)

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 INFORMATIONSurface: Not RegulatedAir: Not RegulatedLabels: None RequiredNOTE:

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. AM Multigraphics 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 AM Multigraphics, it is the obligation of the user to determine the conditions for safe use.