

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

M.S.D.S. NUMBER: All

PRODUCT IDENTIFIER: Optimum and Pantone Series Printing Inks

(Including Pantone Mixing Inks, Forms Mixing Inks, Rubberbase Mixing Inks, Waterless Mixing Inks, Process Colours, Blacks, Body Gum, Overprint Vanishes)

PRODUCT USE: For Printing on Industrial Printing Presses

MANUFACTURER'S NAME, ADDRESS AND EMERGENCY TELEPHONE NUMBER

Rycoline Inc.
The Printing Ink Company
145 Westcreek Drive
Vaughan, Ontario
L4L 9N6

905-850-3905

SUPPLIER'S NAME, ADDRESS AND EMERGENCY TELEPHONE NUMBER

Same

SECTION II - HAZARDOUS INGREDIENTS

WHMIS CLASSIFICATION: This is not a WHMIS controlled product.

HAZARDOUS INGREDIENTS	% WT/WT	CAS/UN NUMBER	LD 50	LC 50	SPECIES AND ROUTE
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None

SECTION III - PHYSICAL DATA

PHYSICAL STATE: Paste**EVAPORATION RATE:** Slower
(N-Butyl Acetate = 1)**ODOUR AND APPEARANCE:** Oleo resinous
Coloured Paste**BOILING RANGE:** 226 - 288°C**ODOUR THRESHOLD:** Not Available**FREEZING POINT:** Not Available**SPECIFIC GRAVITY:** Not Available**pH:** Not Available**VAPOUR PRESSURE:** Not Available**VAPOUR DENSITY:** Heavier
(Air = 1)**% VOLATILE BY WEIGHT:** 10 - 35%
(Method 24)**COEFFICIENT OF WATER/OIL
DISTRIBUTION:** Not Available

SECTION IV - FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: Must be strongly heated before ignition will occur.**MEANS OF EXTINCTION:** Use Dry Chemical, Carbon Dioxide, Foam or Spray.
Water may be ineffective but will cool fire-exposed surfaces.**FLASH POINT DETERMINATION:** >100°C. ASTM D-93.**UPPER FLAMMABLE LIMIT:** Not Available**LOWER FLAMMABLE LIMIT:** 1.1**AUTO-IGNITION TEMPERATURE:** Not Available**HAZARDOUS COMBUSTION PRODUCTS:** Fumes, Smoke and Carbon Monoxide.**EXPLOSION DATA: - SENSITIVITY TO MECHANICAL IMPACT:** None**SENSITIVITY TO STATIC DISCHARGE:** None

SECTION V - REACTIVITY DATA

CONDITIONS UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable

LIST OF MATERIALS OR CLASSES OF SUBSTANCES INCOMPATIBLE WITH PRODUCT:
Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION VI - HEALTH HAZARD AND TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE AND/OR CHRONIC EXPOSURE:

SKIN: Very low order of toxicity by skin absorption. Frequent or prolonged contact may irritate the skin and cause dermatitis.

EYES: Slightly irritating but does not cause tissue damage.

INHALATION: Excessive inhalation may cause headaches, dizziness, drowsiness and nausea.

INGESTION: Low order of toxicity.

IRRITANCY: Not Available

EXPOSURE LIMIT: Not Available

CARCINOGENICITY: Not Available

MUTAGENICITY: Not Available

TERATOGENICITY: Not Available

REPRODUCTIVE TOXICITY: Not Available

TOXICOLOGICAL SYNERGISTIC PRODUCTS: Not Available

SENSITIZATION TO PRODUCT: Not Available

SECTION VII - EMERGENCY FIRST AID PROCEDURES

INHALATION: Remove to fresh air.

EYES: Flush with water for at least 15 minutes and obtain prompt medical attention.

SKIN: Wash with soap and water. Wash contaminated clothing before wearing again.

INGESTION: Do not induce vomiting because of the possibility of aspiration into the lungs. Keep at rest and call for Medical Help.

SECTION VIII - PRECAUTIONS AND PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:**RESPIRATORY SYSTEM:** None if proper environmental controls are maintained.**SKIN:** Impervious style gloves recommended. Avoid contact with skin.**ENGINEERING CONTROLS:** Adequate ventilation should be provided.**LEAK AND/OR SPILL PROCEDURE:** Scrape and mop up. Scoop into a waste disposal container.**WASTE DISPOSAL:** Controlled incineration or use of waste disposal service.**HANDLING PROCEDURES AND EQUIPMENT:** Avoid skin contact.**STORAGE REQUIREMENTS:** Keep container closed.**SHIPPING INFORMATION:** Not regulated.**GENERAL INFORMATION:** Precaution should always be taken to avoid skin/eye contact with any solvent/chemical substances.

SECTION IX - PREPARATION INFORMATION

PREPARED BY: Karen Rodney**PREPARATION DATE:** May 16, 1994**DATE REVIEWED:** January 5, 2017**INFORMATION TELEPHONE:** 905-850-3905

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