



Material Safety Data Sheet

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: POLYPRO
Description: POLY PRO PRINTING INKS
Application: Flexographic Printing
Product Type: Water Base Printing Ink

Supplier: Color Resolutions International LLC
575 Quality Boulevard
Fairfield, OH 45014-2294

Emergency Telephone Number: CHEMTREC: 1-800-424-9300

Non-Emergency Phone Number: CRI: 1-513-552-7200

2. COMPOSITION / INFORMATION ON INGREDIENTS

No hazardous ingredients known to Color Resolutions International LLC.

3. HAZARDS IDENTIFICATION

Emergency Overview: Not a significant fire hazard.

Flash Point (°F): >200

HMIS Rating:

Health = 1

Flammability = 0

Reactivity = 0

Principle Routes of Exposure:

Ingestion: Not expected to be harmful under normal conditions of use.
Inhalation: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.
Skin Contact: May cause irritation on prolonged or repeated contact.
Skin Absorption: Not expected to be harmful under normal conditions of use.
Eye Contact: May cause irritation on prolonged or repeated contact.

Carcinogenic Ingredients per NTP, IARC or OSHA:

None, unless listed below.

4. FIRST AID MEASURES

Ingestion:

If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Call a physician.

Skin Contact:

In case of irritation, flush with water.

Eye Contact:

Immediately flush eyes with plenty of water. Call a physician if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F):

>200

Flammable Limits in Air, LEL - UEL %:

Not determined

Fire Hazard Statement

Will not burn unless water has evaporated. Dried material may burn.

Extinguishing Media

In case of fire, water should be used to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Large quantities: Enclose with diking material to prevent seepage into natural bodies of water, then consult Color Resolutions International LLC. Small quantities: Soak up with absorbent material and remove to a chemical disposal area.

7. HANDLING AND STORAGE

Handling

General

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling.

Inhalation:

Avoid breathing vapor. Use with adequate ventilation.

Skin Contact:

Avoid prolonged or repeated contact with skin and clothing.

Eye Contact:

Avoid prolonged or repeated contact with eyes.

Storage

Keep container closed. Store in a cool, dry place. Keep from freezing. Mix well before using.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls

The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate. If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

Personal Protection

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Wear impervious gloves as required to prevent skin contact. Use goggles if contact is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Various colors
Odor:	Mild
Boiling Point / Range (°F):	>200
Flash Point (°F):	>200
Flammable Limits in Air, LEL - UEL %:	Not determined
pH:	9.2-9.5
Solubility in water:	Dispersible
Pounds / Gallon:	9.0-9.8
Vapor Density (air=1)	Same as water
Vapor Pressure @ 20°C (mm Hg):	Same as water
Evaporation Rate (Butyl Acetate=1):	< 1.0
Partition Coefficient (Oil/Water):	Not determined

10. STABILITY AND REACTIVITY

Stability

Normally stable as defined in NFPA 704-12(4-3.1).

Polymerization:

Will not occur.

Incompatibilities:

None known

Decomposition Products:

Oxides of carbon and nitrogen.

Other Hazards:

None known.

11. TOXICOLOGICAL INFORMATION

Product Information

See Section 3 Hazards Identification Information.

Component LC50 and LD50 Data

No hazardous components have LC50 or LD50 data unless listed below.

12. ECOLOGICAL INFORMATION

Not Determined

13. DISPOSAL CONSIDERATIONS

Recover free liquid. Absorb residue and dispose of according to local, state/provincial, and federal requirements.

14. TRANSPORT INFORMATION

The data provided in this section is for information only and may not be specific to your package size or mode of transportation. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

U.S. Dept of Transportation Proper Shipping Name

Non-Regulated.

Canadian Transportation of Dangerous Goods (TDG):

Not determined.

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA Hazard Communications Standard 29CFR1910.1200:

This material is not a "health hazard" or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

SARA Title III Section 311 / 312

Does not meet any hazard category.

SARA Title III Section 313 and 40 CFR Part 372

If there are none listed below, then this product does not contain any toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372:

TSCA Section 8(b) Inventory

All reportable chemical substances are listed on the TSCA Inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by Color Resolutions International LLC.

Canadian Regulations

Canadian Environmental Protection Act (CEPA)

DSL/NDSL

One or more components of this product is not listed on the DSL or the NDSL.

National Pollutant Release Inventory (NPRI)

If there are none listed below, this product does not contain chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory:

State Regulations

California Proposition 65

If any information is required for this product in accordance with Proposition 65, it is provided below:

Product Code: POLYPRO

Description: POLY PRO PRINTING INKS

Pennsylvania Worker & Community RTK Act

Components not regulated by OSHA withheld as trade secret.

16. OTHER INFORMATION

FDA:

This product is not FDA approved, however it is acceptable for printing on food packaging provided there is a functional barrier to the migration of the ink components.

CONEG:

This product complies with the Coalition of Northeast Governors (CONEG) Reduction of Toxics in Packaging Model Legislation by the fact that no lead, mercury, cadmium, or hexavalent chromium was intentionally added to this product. Also, the sum total of lead, mercury, cadmium and hexavalent chromium will not exceed 100 ppm.

User's Responsibility:

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

Disclaimer:

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damage, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.