



SAFETY DATA SHEET

MSDS Number:	14, REV N PITNEY BOWES, INC.	Effective Date:	March 8, 1990
Product Name:	Postage Meter Ink	Revised Date:	January 25, 2006
		Page:	1 of 6

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name:	Postage Meter Ink	
Reorder Number:	609-0: (16 oz. red), 609-1: (16 oz. green), 609-2: (16 oz. blue), 609-3 (16 oz.black), 614-0: (4 oz.red), 614-1: (4 oz. green), 614-2: (4 oz. blue), 614-3: (4 oz. black), 615-0: (16 oz. red), 615-1: (16 oz. green), 615-2: (16 oz. blue), 615-3: (16 oz. black), 615-7: (32 oz. red), 616-0: (2 ink rollers) 617-0: (2 red ink rollers), 617-1: (2 green ink rollers) 617-2: (2 blue ink rollers), 617-3: (2 black ink rollers) 624-0: red ink cartridge, 625-1: red ink cartridge, 625-2 (dual roller cartridge), 625-3, 625-4, 627-0: Red ink roller	
Manufacturer:	Pitney Bowes Inc.	
Address:	1 Elmcroft Road, Stamford, CT 06926-0700	
For MSDS Copies:	www.pb.com (go to search)	Pitney Bowes, Ltd The Pinnacles Harlow Essex, CM19 5BD Contact Compliance Engineering +44 (0) 1279 426731
Emergency/Chemtrec:	800-424-9300 North America	00-1-703-527-3887 International (collect call)
Product Use:	Ink for Postage Meters	
MSDS Prepared By:	Chemical Review Board	
WHMIS Reviewed	January 25, 2006	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NO./EINECS NO.	%	EC SUBSTANCE CLASSIFICATION (67/548/EEC)
Diisooctyl Phthalate	27554-26-3/248-523-5	40-50	Not Applicable
Hydrotreated Petroleum Distillates	64742-46-7/265-148-2 64742-53-6/265-156-6	5-25	Not applicable

ADDITIONAL INFORMATION

Remaining ingredients are non-hazardous.

See Section 16 for full text of EC Classification and R Phrases

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:

Various colored fluorescent inks that are opaque, slightly viscous liquid with little odor. These inks are not flammable but will burn under fire conditions. May cause mild eye and moderate skin irritation. Direct contact may cause staining of the tissues by colorants. Inhalation of heated vapors or mists may cause irritation of mucous membranes and respiratory tract. Swallowing may cause nausea, vomiting or

SAFETY DATA SHEET

MSDS Number:	14, REV N PITNEY BOWES, INC.	Effective Date:	March 8, 1990
Product Name:	Postage Meter Ink	Revised Date:	January 25, 2006
		Page:	2 of 6

SECTION 3 - HAZARDS IDENTIFICATION

EU Preparation Classification (1999/45/EC): diarrhea. Aspiration may cause lung damage.
Not a dangerous preparation.
See Section 16 for full text of EC Classification and R Phrases

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with plenty of running water for 15 minutes, holding eyelids open to assure thorough rinsing. Get medical attention if irritation persists.

Skin: Wash with soap and water. Remove and launder contaminated clothing. If irritation occurs get medical attention.

Ingestion: If swallowed, dilute 1-2 large glasses of water. DO NOT induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.

Inhalation: Not an expected route of entry. If symptoms occur, remove person to fresh air. If irritation or pulmonary symptoms develop, consult a physician.

SECTION 5 - FIRE FIGHTING PROCEDURES

Extinguishing Media: Water fog, CO₂, dry chemical, or foam. Do not use water spray. A direct stream of water may cause frothing.

Fire Fighting Instructions: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: None known. This product will burn under fire conditions.

Known or Anticipated Hazardous Products of Combustion: Carbon dioxide and carbon monoxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Contain spill with an inert material and place into a suitable container for disposal. Wash residue with detergent and water. Keep spill out of sewers and watercourses.

Personal Precautions: Avoid contact with eyes, skin and clothing.

Environmental Precautions: It is recommended to keep away from drains, surface and ground-water.

Methods for Cleanup:

Large Spill: Not sold in large quantities.

Small Spill: Soak up any small amounts with absorbent material. Wash residue with detergent and water.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after use.

Storage: Keep out of the reach of children.

SAFETY DATA SHEET

MSDS Number:	14, REV N PITNEY BOWES, INC.	Effective Date:	March 8, 1990
Product Name:	Postage Meter Ink	Revised Date:	January 25, 2006
		Page:	3 of 6

SECTION 7 - HANDLING AND STORAGE

Other Precautions: Keep away from heat, flame and other ignition sources.

SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

Occupational Exposure

Limits:

Diisooctyl Phthalate	5 mg/m3 - Manufacturer Limit
Hydrotreated Petroleum Distillates	5 mg/m3 TWA - ACGIH TLV (as oil mist) 5 mg/m3 TWA - OSHA PEL (as oil mist)

Engineering Controls: None required with normal use.

Ventilation Requirements: General office ventilation.

Personal Protective Equipment:

Eye/Face Protection: None normally required. If splashing is possible, wear safety glasses.

Skin Protection: None normally required. For prolonged use, wear rubber gloves to prevent contact. Avoid skin contact with ink.

Respiratory Protection: Not required under normal use conditions.

Other Protective Clothing or Equipment: Not required under normal use conditions.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Various colored fluorescent inks that are opaque, slightly viscous liquids with little odor.

Boiling Point: 380°F

Color: Red, Green, Blue, or Black

Freezing Point: Not determined

Melting Point: Not determined

Octanol/Water Partition Coefficient: Not determined

Odor: Little odor

Odor Threshold: Not determined

Percent Volatile: Not applicable

pH Value: Approximately 8

pH Concentration: Not applicable

Physical State: Liquid

Reactivity in Water: None

Solubility in Water: Negligible

Specific Gravity or Density (Water=1): 1.022

Vapor Density: 11.0

Vapor Pressure: Negligible

Vapor Pressure Temperature: Not applicable

Volatile Organic Compounds: 0.8 lbs/gal

Viscosity: 172 centistokes @40°C

Water/Oil Distribution Coefficient: Not determined

Weight Per Gallon: 8.53

SAFETY DATA SHEET

MSDS Number:	14, REV N PITNEY BOWES, INC.	Effective Date:	March 8, 1990
Product Name:	Postage Meter Ink	Revised Date:	January 25, 2006
		Page:	4 of 6

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Flammable Limits in Air (% by Volume): Not determined

Flash Point: >320°F (160°C) COC

Autoignition Temperature: Not determined

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid excess heat.

Incompatibility With Other Materials: Strong oxidizing materials.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Not applicable

SECTION 11 – TOXICOLOGICAL INFORMATION

Relevant Routes of Exposure: Eye, skin, inhalation, ingestion

Signs and Symptoms of Acute Overexposure: May cause mild eye irritation with redness and tearing. Skin contact may cause moderate irritation. When heated, inhalation of vapors or mists may cause irritation of respiratory tract and mucous membranes. Swallowing may cause nausea, vomiting and diarrhea. Prolonged skin contact may cause irritation.

Signs and Symptoms of Chronic Overexposure:

Medical Conditions Generally Aggravated By Exposure: Pre-existing skin disorders may be aggravated by exposure.

Potential Health Effects:

Eyes: May cause mild irritation. Direct contact may stain tissues.

Skin: May cause moderate skin irritation based on studies with laboratory animals. Direct contact may stain tissues.

Ingestion: Swallowing may cause nausea, vomiting or diarrhea.

Inhalation: Due to the low vapor pressure, inhalation under ambient conditions is usually not a problem. If heated or misted, inhalation may cause mucous membrane or respiratory irritation.

Carcinogenicity:

NTP: No

IARC: No

OSHA: No

ACGIH: No

OTHER: No

Acute Toxicity Data

VALUE	ANIMAL	ROUTES	COMPONENTS
LD50: >5,000 mg/kg	Rat	Oral	Product
Additional Information			
This product tested negative in the AMES test for mutagenicity.			

SAFETY DATA SHEET

MSDS Number:	14, REV N PITNEY BOWES, INC.	Effective Date:	March 8, 1990
Product Name:	Postage Meter Ink	Revised Date:	January 25, 2006
		Page:	5 of 6

SECTION 12 - ECOLOGICAL INFORMATION

Ecological Information: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose in accordance with local, state or provincial and federal or national regulations.

SECTION 14 - TRANSPORT INFORMATION

U.S. DOT

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
ID Number: Not applicable
Packing Group: Not applicable
Labels: None
Special Provisions: None
Packaging Exceptions: Not applicable
Non-Bulk Packaging: Not applicable
Bulk Packaging: Not applicable
Air/Rail Limit: Not applicable
Air Cargo Limit: Not applicable
Vessel Stowage: Not applicable
Other Stowage: None
Reportable Quantity: None
North America Emergency Response Guide Number Not applicable

AIR - ICAO OR IATA

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
ID Number: Not applicable
Risk: Not applicable
Packing Group: Not applicable
Hazard Labels: None
Packing Instructions: Not applicable
Air Passenger/Cargo Limit Per Package: Not applicable
Packing Instruction - Cargo: Not applicable
Air Cargo Limit Per Package: Not applicable
Special Provisions Code: None

WATER - IMDG

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
ID Number: Not applicable
Packing Group: Not applicable
Risk: Not applicable
Emergency Procedures Code: Not applicable
Medical First Aid Guide Code: Not applicable

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: This product does not contain chemical or chemical compounds listed in the following

SAFETY DATA SHEET

MSDS Number:	14, REV N PITNEY BOWES, INC.	Effective Date:	March 8, 1990
Product Name:	Postage Meter Ink	Revised Date:	January 25, 2006
		Page:	6 of 6

SECTION 15 - REGULATORY INFORMATION

	SARA Title III categories: Extremely Hazardous Substances (302). Toxic Chemical Release Reporting (313). All the components of this product are listed in the EPA TSCA Inventory.
Acute:	Yes
Chronic:	No
Reactive:	No
Fire:	No
Pressure:	No
State Regulations:	This product contains no chemicals subject to California Proposition 65.
International Regulations:	Canada: Class D, Division 2, Subdivision B, Toxic material causing other chronic effects.
EU Labeling:	Contains Petroleum Distillates Harmful (Xn) S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 16 - OTHER INFORMATION

NFPA Codes:

Health:	1
Flammability:	1
Reactivity:	0
Other:	0

HMIS Codes:

Health:	1
Flammability:	1
Reactivity:	0
Protection:	

EU Classes and Risk Phrases for Reference (See Sections 2 and 3): Not a dangerous preparation.

Other Information: Keep out of reach of children.