

Material Safety Data Sheet

Reference No. TP-MSDS-001
Revision No. 0

Preparation Date 24/03/2009
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1 PRODUCT IDENTIFICATION

CHEMICAL NAME: Aqueous Inkjet Ink

TRADE NAME: Postal Red Inkjet Ink

CHEMICAL FAMILY: Pigment Based Ink

PRODUCTS COVERED: All red ink cartridges

HAZARD RANKING:
0 = Least
1 = Slight
2 = Moderate
3 = High
4 = Extreme

HMS HAZARD CLASS:
Health = 1
Flammability = 0
Reactivity = 0
PPE = -

2 HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS #</u>	<u>SOURCE</u>	<u>TLV/PEL</u>
Isopropyl Alcohol	67-63-0	OSHA	400 ppm
2-Pyrrolidone	616-45-5	Not established	

Contains no other ingredient known to retain hazardous properties according to 29 CFR 1910.1200.

3 PHYSICAL DATA

BOILING/MELTING POINT: >212°F
VAPOR PRESSURE: ND
SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: >1
VOLUME % VOLATILE: ND
APPEARANCE & ODOR: Red liquid, mild odor

4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

FLAMMABLE LIMITS: N/A
SPECIAL FIREFIGHTING PROCEDURES: N/A

5 HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECT OF OVEREXPOSURE:

Ink contains small quantities of isopropyl alcohol and 1,4-butanediol. These ingredients individually can cause eye and skin irritation. Isopropyl alcohol by itself is a flammable liquid.

Ink contact with eyes may cause irritation. Ingestion of large quantities may cause abdominal discomfort. Ink itself considered relatively non-toxic under normal use conditions.

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EMERGENCY AND FIRST AID PROCEDURES:

Flush eyes thoroughly with water. Seek medical attention if irritation persists. For prolonged skin contact, wash contaminated areas with soap and water. If large quantity ingested, give lukewarm water if victim completely conscious. Induce vomiting. Get medical attention.

6 REACTIVITY DATA

STABILITY:	<input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable
CONDITIONS TO AVOID:	None known.
INCOMPATIBILITY:	Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> May occur <input checked="" type="checkbox"/> Will not occur
CONDITIONS TO AVOID:	N/A

7 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF SPILLED:

Soak up with paper or other absorbent material. Put into closed containers. Flush area with plenty of water.

WASTE DISPOSAL METHOD:

Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.

8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	N/A
VENTILATION:	Mechanical (general) ventilation is acceptable.
EYE PROTECTION:	Safety goggles or glasses with side shields.
PROTECTIVE CLOTHING:	Protective gloves required for prolonged or repeated contact.
OTHER PROTECTIVE EQUIPMENT:	N/A

9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

In accordance with good industrial work practice, handle with care, avoid spills, unnecessary contact, and wash thoroughly after handling.

OTHER PRECAUTIONS:

Avoid contamination of food, drink, etc.

EMPTY CONTAINERS:

Dispose of according to applicable local, state or federal environmental regulations.

10 REGULATORY INFORMATION

RoHS Directive:

This ink does not contain any RoHS materials. These materials include lead, cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB) or poly brominated diphenyl ethers (PBDE)

These values are based on information available from suppliers and not by actual laboratory analysis of finished product.

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, Total Postweigh International Ltd. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. This information is offered solely for your consideration, investigation and verification.