

**MATERIAL SAFETY DATA SHEET**

MSDS# IR0004-0101

Dated: 12/1/02

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Porelon Red Endorser Ink Roll 232

Product Code: 6334A001AA

Manufacturer: Identity Group, Inc., 1480 Gould Drive
Cookeville, TN 38506, Phone # 931-432-4000

Supplier: Canon USA, Inc. One Canon Plaza
Lake Success, New York, 11042, USA

Phone #: 1-800-OK-CANON
24 Hr. Emergency CHEMTREC # 1-800-424-9300

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Weight %</u>	<u>(CAS Registry No.)</u>	<u>Component</u>
19.5	(064741-62-4)	Aromatic Hydrocarbons
10-30	(001241-94-7)	2-ethylhexyl diphenyl phosphate
0.1	(007440-47-3)	Chromium (III)

Manufacturer states all other ingredient information is proprietary or non-hazardous as defined by the Hazard Communication Standard (29 CFR 1910.1200)

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: Low hazard for recommended handling.

NFPA RATING: Health: = 0, Flammability: = 1, Reactivity: = 0
HMIS RATING: Health: = 2, Flammability: = 1 Reactivity: = 0

Note: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

**SECTION 4 FIRST AID MEASURES**

Inhalation: Remove victim to fresh air immediately, seek professional aid if symptoms persist.

Eye Contact: Any material that contacts the eye should be washed out immediately with water. Get medical attention if irritation occurs.

Skin Contact: Wash immediately with soap and water. Apply skin cream if irritated. Get medical attention if irritation persists.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point (Method Used): Not applicable

Autoignition Temperature: Not established

Flammable Limits: Not established

Extinguishing media: Water spray, carbon dioxide (CO₂), dry chemical.

Special Fire Fighting Procedures: No special requirements

Hazardous Decomposition Products: Oxides of carbon, and nitrogen, Amines, hydrogen chloride, acetic acid.

SECTION 6 ACCIDENTAL RELEASE MEASURES

In case of spill: If any ink material is squeezed out of the roll, wipe up with rags or other type of absorbent. Use a suitable ink cleaner to remove residue.

SECTION 7 HANDLING AND STORAGE

Personal Precautionary Measures: Avoid skin and eye contact.

Prevention of Fire and Explosion: Avoid strong oxidizers.

Storage: Store in a cool dry place. KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits Component</u>	<u>CAS Reg. No</u>	<u>OSHA</u>	<u>ACGIH</u>
Aromatic Hydrocarbons	64741-62-4	5mg/m ³ (mist)	5mg/m ³ (mist)
Diethanolamine	111-42-2	3ppm TWA	3ppm TWA

Ventilation: Good general ventilation should be sufficient.

Personal Protection: Good industrial hygiene practice should be followed including avoiding eye, skin, and inhalation contact.

Respiratory Protection: None required when used in intended fashion.

Eye Protection: Safety glasses.

Skin Protection: Impervious gloves such as nitrile.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical form:	Flat, porous rubber-like media
Color:	Red
Odor:	Hydrocarbon
PH:	5-10
Vapor Pressure	Nil
Vapor Density (Air = 1)	Heavier
Specific Gravity:	Not applicable
Evaporation Rate (n-butyl acetate = 1):	Slower
Melting Point:	Not Applicable
Boiling Point:	Not Applicable
Solubility in Water:	Negligible
Solubility in Organic Solvents:	Ink components soluble in alcohols
Percent Volatile by Volume:	Nil

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Oxides of carbon or nitrogen, hydrogen chloride.

SECTION 11 TOXICOLOGICAL INFORMATION**EFFECTS OF OVEREXPOSURE:**

INHALATION: None expected.

EYE: May be irritating.

SKIN: May be irritating

INGESTION: May cause nausea, intestinal discomfort

Mutagenicity: Not tested, but no raw materials were positive in Ames Testing.

Chronic Effects: Possible reproductive hazard, possible cancer hazard.

SECTION 12 ECOLOGICAL INFORMATION

This material has not been tested overall for environmental effects. .

SECTION 13 SPILL / DISPOSAL CONSIDERATIONS

Contain spills with rags or dry absorbent. Use a suitable ink cleaner to remove residue. Wear protective gloves to minimize skin contact. Discard waste while observing all local, state, and federal regulations. See Section 15 for RCRA Status. In addition, consult local and state regulations.

**SECTION 14 TRANSPORTATION INFORMATION**

Proper Shipping Name: Not Regulated

SECTION 15 REGULATORY INFORMATION

- Material(s) known to the State of California to cause cancer:
Vinyl Chloride Monomer (75-01-4) < 0.001%
- Material(s) known to the State of California to cause adverse reproductive effects: None
- International Agency for Research on Cancer (IARC) components present at 0.1% or greater: Aromatic Hydrocarbons.
- American Conference of Governmental Industrial Hygienists (ACGIH): Not Applicable
- National Toxicology Program (NTP) components present at 0.1% or greater:
Aromatic Hydrocarbons.
- Occupational Safety and Health Administration: Not Applicable
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA): Chromium (III).
- TSCA STATUS: All chemical ingredients found on the TSCA Inventory.
- RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the end user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste. REF. 40 CFR 261.20-24.

SECTION 16 OTHER INFORMATION

The information, data and recommendations (hereafter the Information) set forth herein are presented in good faith and are believed to be correct as of the date hereof. The company/supplier makes no representations as to the completeness or accuracy of the Information and disclaims responsibility for any reliance thereon. The Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will the company/supplier be responsible for damages of any nature whatsoever resulting from use of or reliance upon the Information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH IT REFERS.

PREPARED BY: Environmental Management & Product Safety Dept.
Canon USA, Inc.