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## Primera Black

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### Section 1 - Product and Company Identification

**Product Name:** Primera Black  
**Product ID:** Primera PN 53429 (Lexmark 14N1053)  
**Chemical Family:** Cartridge containing ink  
**Application:** Inkjet Cartridge  
**Prepared By:** Product Environmental Programs

**Manufacturer:** Lexmark International, Inc.  
740 West New Circle Road  
Lexington, KY 40550

**Information:** 1-859-232-3000  
**Emergency:** 1-859-232-3333

### Section 2 - Composition / Information on Ingredients

Ingredients	Percent (wt.)	CAS Number	OSHA PEL	ACGIH TLV
Water	75-85	7732-18-5	None	None
Glycerol	5-10	56-81-5	15 mg/m <sup>3</sup> TWA (Total Dust) 5 mg/m <sup>3</sup> TWA (Respirable Dust)	10 mg/m <sup>3</sup> TWA (Mist)
Water Soluble Organic Solvent NJTSRN 80100451-5013	1-5	Trade Secret	None	None
Water Soluble Organic Solvent NJTSRN 80100451-5051	1-5	Trade Secret	None	None
Carbon Black	1-5	1333-86-4	3.5 mg/m <sup>3</sup> TWA	3.5 mg/m <sup>3</sup> TWA

### Section 3 - Hazards Identification

Mixture not tested. Information based on characteristics of components and testing of similar mixtures.

**Hazard Information:** Primary Routes of Exposure: Skin contact, ingestion

**Eye Contact:** Not an irritant.

**Skin Contact:** Not a dermal irritant. Not a dermal sensitizer.

**Ingestion:** Low acute oral toxicity.

### Section 4 - First Aid Measures

**Skin Contact:** Wash with soap and water. Should irritation occur, seek medical attention.

**Eye Contact:** Flush with plenty of water. Remove contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**Aggravated Conditions:** None known

## **Section 5 - Fire Fighting Measures**

<b>Flash Point/Range:</b>	>200°F
<b>Extinguishing Media:</b>	Carbon dioxide, water spray or fog, dry chemical or foam
<b>Hazardous Combustion Products:</b>	Carbon monoxide, carbon dioxide, unidentified organics
<b>Special Exposure Hazards:</b>	None known
<b>Special Protective Equipment:</b>	NIOSH approved self-contained breathing apparatus may be required if large amounts of ink are involved.
<b>NFPA Rating:</b>	Health: 1 Flammability: 0 Reactivity: 0
<b>HMS Classification:</b>	Health: 1 Flammability: 0 Reactivity: 0

## **Section 6 - Accidental Release Measures**

<b>Personal Precautionary Measures:</b>	Wear latex, vinyl, or nitrile gloves to prevent staining of skin.
<b>Environmental Precautions:</b>	Unless specifically permitted for disposal, keep waste out of sewers, watersheds, and waterways.
<b>Procedure for Cleaning/Absorption:</b>	Absorb small spills with cloth or paper towels or other suitable material. Place in container for disposal. For large spills, dike around spill with absorbent material. Wash spill site with soap and water after material pickup is complete. Disposal is subject to federal, state, local, or provincial regulations.

## **Section 7 - Handling and Storage**

<b>Handling:</b>	Keep from freezing.
<b>Storage</b>	Store in a cool, dry place.

## **Section 8 - Exposure Controls / Personal Protection**

<b>Engineering Controls:</b>	None required for intended use in printer.
<b>Respiratory Protection:</b>	None required for intended use in printer.
<b>Gloves:</b>	None required for intended use in printer.
<b>Skin Protection:</b>	None required for intended use in printer.
<b>Eyes:</b>	None required for intended use in printer.

## **Section 9 - Physical and Chemical Properties**

<b>Physical State:</b> Liquid (Ink)	<b>Freezing Point/Range (°C):</b> Not determined
<b>Color:</b> Black	<b>Odor:</b> Faint
<b>Specific Gravity:</b> Not determined	<b>pH:</b> 6-9
<b>% Volatiles:</b> Not determined	<b>Boiling Point (°C):</b> Approx. 100
<b>Solubility in Water:</b> Fully miscible	

## **Section 10 - Stability and Reactivity**

<b>Chemical stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	None known
<b>Materials to Avoid:</b>	None known
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide, unidentified organics

## **Section 11 - Toxicological Information**

	Mixture not tested. Information based on characteristics of components and testing of similar mixtures.
<b>Primary Routes of Exposure:</b>	Ingestion, skin contact.
<b>Ingestion:</b>	Low acute oral toxicity.
<b>Acute Toxicity Oral Rat LD50 (mg/kg):</b>	>2000
<b>Aggravated Conditions:</b>	None known
<b>Skin Contact:</b>	No chronic effects known. Not a dermal sensitizer.
<b>Acute Toxicity Dermal Rat LD50 (mg/kg):</b>	>2000
<b>Carcinogenicity Statement:</b>	Similar mixtures negative in Ames Assay for mutagenicity.

## **Section 12 - Ecological Information**

	Mixture not tested. Information based on characteristics of components and testing of similar mixtures.
<b>Acute Toxicity to Fish:</b>	96 hr LC50 >100 mg/l
<b>Acute Toxicity to Daphnia:</b>	48 hr EC50 >100 mg/l (NOEL =100mg/l)
<b>Algal Growth Inhibition (ETAD):</b>	EC50 >160 mg/l (NOEC =20mg/l)
<b>Ready Biodegradation:</b>	Not readily biodegradable (27% in 28 days)

## **Section 13 - Disposal Considerations**

### **Waste Disposal:**

This product is not a listed hazardous waste in accordance with Federal Regulation 40 CFR Part 261. If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material has been contaminated and should be classified as a hazardous waste. Disposal is subject to local, state and federal regulations.

## **Section 14 - Transport Information**

**Status:** Not regulated as dangerous goods under DOT, IATA, ADR, IMDG or RID

## **Section 15 - Regulatory Information**

**TSCA (USA):** All ingredients are listed on the Toxic Substances Control Act (TSCA) inventory, have been registered, or are exempt.

**SARA / EPCRA (USA):** None of the ingredients in this product has a final reportable quantity (RQ) under Emergency Planning and Community Right-to Know Act (EPCRA)- Section 302: Extremely Hazardous Substances (EHS) or notification requirements for EHS under Section 304.

**California Proposition 65:** This product contains no known materials at levels which the State of California has found to cause cancer, birth defects or other reproductive harm - California Proposition 65.

**DSL (Canada):** All ingredients are listed on the Canadian Domestic Substances List (DSL), have been registered on the Non-Domestic Substances List (NDSL), or are exempt.

**AICS (Australia):** All ingredients are listed in Australian Inventory of Commercial Substances (AICS), have been registered, or are exempt.

## **Section 16 - Other Information**

Data are most current known to Lexmark at the time of preparation and are believed to be accurate. No warranty as to their accuracy or completeness is expressed or implied.

**\*\*\*END OF MSDS\*\*\***