

# MATERIAL SAFETY DATA SHEET

# IBM

NON-Hazardous Substance, NON-Dangerous Goods

## 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **IBM InfoPrint 32/40 Toner Cartridge**

Synonyms:

Part Number(s): 90H3566

IBM Material Reference Number: 901207620

Recommended use: Xerographic imaging media.

**Supplier:** IBM Australia Limited  
**ABN:** 79 000 024 733  
**Address:** 55 Coonara Ave  
West Pennant Hills, NSW 2125  
Australia  
**Telephone:** 132 426

**Supplier:** IBM New Zealand Limited  
**Address:** 85 The Esplanade  
Pentone  
Wellington  
New Zealand  
**Telephone:** 0800 801 800

**Emergency telephone number:** Aust 132 426 (Bus Hours 0900-1700hrs);  
NZ 0800 801 800 (Bus Hours 0900-1700hrs)

## 2. HAZARDS IDENTIFICATION

### Australia

Based on available information, this material is not classified as hazardous according to criteria of NOHSC Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Poisons Schedule (Aust): Not applicable

### New Zealand

This product is excluded from the HSNO Act. It is a "manufactured article that is not considered to be a substance under the HSNO Act."

Not classified as a Dangerous Good under NZS 5433:1999 Transport of Dangerous Goods on Land.

## 3. COMPOSITION INFORMATION

CHEMICAL	ENTITY CAS NO.	PROPORTION
Magnetite (Fe <sub>3</sub> O <sub>4</sub> )	1309-38-2	45-50%
Styrene / n-butyl acrylate copolymer	25767-47-9	40-50%
Polypropylene wax	9003-07-0	1-10%
		100%

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## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 03 474 7000).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Skin contact:** If skin contact occurs, remove contaminated clothing and wash skin. If irritation occurs seek medical advice.

**Eye contact:** If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. Seek medical advice.

**Notes to physician:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Specific hazards:** In common with many organic chemicals, in high concentrations may form flammable dust clouds in air. Not a hazard under normal use conditions.

**Fire fighting further advice:** On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Hazchem Code:** Not Applicable.

**Suitable extinguishing media:** water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Avoid inhalation of dust. Sweep up, but avoid generating dust. To avoid possible dust explosion, do not use vacuum cleaners to clean up spills. Collect and seal in properly labelled containers or drums for disposal.

### LARGE SPILLS

Shut off all possible sources of ignition. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Cover with damp absorbent (inert material, sand or soil). Sweep up, but avoid generating dust. Collect and seal in properly labelled drums for disposal.

**Dangerous Goods – Initial Emergency Response Guide No:** Not applicable.

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and inhalation of dust.

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**Storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Keep cartridges sealed at all times until ready for use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National occupational exposure limits:

#### Australia

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

However for:

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Dust (inspirable)	-	10.0	-	-	-	-

As published by the National Occupational Health & Safety Commission (NOHSC Australia).

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

#### New Zealand

No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).

However for:

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Dust (inspirable)	-	10.0	-	-	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA) – the time weighted average exposure standard designed to protect the worker from the effects of long term exposure.

**Biological Limit Values:** As per the “National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:** Use only in well ventilated areas. Keep containers closed when not in use.

**Personal protection equipment:** No personal protective equipment required when handling for intended use in printer.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Print cartridge with sealed odourless, black powder.

**Solubility:** Insoluble in water.  
**Specific Gravity (20 °C):** 1.0  
**Relative Vapour Density (air=1):** N App

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Vapour Pressure (20 °C): N App  
Flash Point: N App  
Boiling Point/Range (°C): N App  
Decomposition Point (°C): N App  
pH: N App  
Viscosity: N App

(Typical values only - consult specification sheet)  
N Av = Not available      N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable.

**Conditions to avoid:** Not available.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide, oxides of nitrogen.

**Hazardous reactions:** Not available.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Material may be irritant to mucous membranes and respiratory tract. Exposure not probable with intended use.

**Skin contact:** Contact with skin may result in irritation. Exposure not probable with intended use.

**Eye contact:** Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes. Exposure not probable with intended use.

**Ingestion:** Swallowing may result in nausea, vomiting and abdominal pain. Exposure not probable with intended use.

**Long Term Effects:** Prolonged inhalation of excessive amounts of any dust may cause lung damage.

### Acute toxicity / Chronic toxicity

Oral LD50 (rat): >5000 mg/kg

Inhalation LC50 (rat): >5 mg/L

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Ecotoxicity:** No data available.

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**Persistence and degradability:** No data available.

**Mobility:** No data available.

## 13. DISPOSAL CONSIDERATIONS

### **Australia**

Empty containers should be recycled if possible. Refer to State/Territory Land Waste Management Authority.

### **New Zealand**

Empty containers should be recycled if possible. Refer to Local City, District or Regional Council Waste Management Authority.

## 14. TRANSPORT INFORMATION

### **ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Not classified as a Dangerous Good under NZS 5433:1999 Transport of Dangerous Goods on Land.

### **MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### **AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

### **Australia**

Poisons Schedule (Aust): Not applicable

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### **New Zealand**

This product is excluded from the HSNO Act. It is a "manufactured article that is not considered to be a substance under the HSNO Act."

## 16. OTHER INFORMATION

### **Literary reference**

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd on behalf of its client.

For further information about this product;

Within Australia: Telephone: 132 426

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Within New Zealand Telephone: 0800 801 800

Reason(s) For Issue: First Issue

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since IBM Australia Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.