

The Workplace Hazardous Materials Information System (WHMIS) requirements of the Hazardous Products Act (HPA) excluded manufactured articles. A manufactured article means any article that is formed to a specific shape or design during manufacture, the intended use of which when in that form is dependent in whole or in part on its shape or design, and that, under normal conditions of use, will not release or otherwise cause a person to be exposed to a controlled product;

According to WHMIS, it is **not** mandatory to provide Material Safety Data Sheets for manufactured articles. We have prepared the Material Safety Data Sheet for the safe handling and general information purposes only. Therefore, please be advised that this MSDS does not require updating every 3 years.



MATERIAL SAFETY DATA SHEET

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M95-0401
TN0135-0504

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

Product Name: M-Toner 20P

Product Code: M95-0401 (3708A01AA)

Company Name: CANON ELECTRONICS INC..

Address: 1248, Shimokagemori, Chichibu-shi, Saitama 369-1891, Japan.

Phone #: 0494-23-3111

MSDS #: TC0135-0504

Distributor :
CANON CANADA INC.
6390 DIXIE ROAD, MISSISSAUGA,
ONTARIO L5T 1P7
TEL : 905-795-1111

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)

Chemical Name	CAS #	Weight	EU Symbol	EU R-Phrase
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None

Chemical Name	USA OSHA PEL	ACGIH TLV
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None

Chemical Name	EU ILV	DFG MAK
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None

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS – continued.

Carcinogen Chemical Name	CAS #	REFERENCE
None		

Other Ingredient(s)	
Chemical / Generic Name	Weight %
Styrene acrylate copolymer	55 - 65
Iron Oxide (1317-61-9)	30 – 40

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: Black fine powder, slight plastic odor.

Potential Health Effects and Symptoms:

Inhalation: Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.

Ingestion: Ingestion is not applicable route of entry for intended use.

Eye: May cause eye irritation.

Skin: Unlikely to cause skin irritation.

Chronic Effects Not known.

SECTION 4 FIRST AID MEASURES

Medical Conditions Generally known to be Aggravated by Exposure: Not identified.

First Aid Measures:

Inhalation: Remove victim to fresh air.
Get medical attention if symptoms persist.

Ingestion: Dilute stomach contents with several glasses of water.
Get medical attention if symptoms persist.

Eye: Flush with running water for at least 15 minutes.
If irritation persists, get medical attention.

Skin: Wash with soap and water.
If irritation persists, get medical attention.

Note to Physicians: None

SECTION 5: FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media: CO₂, Dry Chemicals, water.

Unsuitable Extinguishing Media: None

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Toner material, like most organic material in powder form, is capable of creating a dust explosion.

Fire and Explosive Properties:

Flash Point (C): No data available

Flammable (Explosive) Limits: No data available

Autoignition Temperature (C): No data available

SECTION 5: FIRE FIGHTING MEASURES
Fire and explosive procedures – continued.

Flammability: Non-flammable solid (according to test methods of USA 16CFR 1500.44 and Annex V of EU Directive 84/449/EEC).

Autoflammability: Not applicable

Explosive Properties: See “unusual Fire and Explosion Hazards”.

Oxidizing Properties: No data available

Hazardous Combustion Products: CO₂, CO

Other Properties: Not known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid breathing dust.
Use with adequate ventilation.

Environmental Precautions: Do not wash away into sewer.

Method for Cleaning Up: Sweep material onto paper and carefully transfer to a sealable waste container.
If a vacuum is used, the motor must be rated as dust tight.
A conductive hose bonded to the machine should be used to reduce static buildup.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid breathing dust.
Use with adequate ventilation.
Wash thoroughly after washing.

Storage: Keep out of reach of children.
Keep away from contact with oxidizing materials.

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable Unstable

Conditions to Avoid: None

Materials to Avoid: Strong Oxidizers.

Hazardous Decomposition Products: Combustion will produce dioxide and possible toxic chemicals such as carbon monoxide.

Hazardous Polymerization: May Occur Will Not Occur

Condition to Avoid: None

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: (Data from similar toner materials) : LC50 : > 5mg/L/4hr (rats)

Inhalation:

Ingestion:

(Data from similar toner materials) Oral LD50 : > 5000 mg/kg (rats)

Eye:

(Data from similar toner materials) : Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC based on test data of rabbits.

Skin:

(Data from similar toner materials) : Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) And EU Directive 67/548/EEC based on test data of rabbits.

Sensitization:

No sensitizer according to Annex I of EU Directive 67/548/EEC and FHSA.

Mutagenicity:

Negative (Ames Test : Salmonella Typhimurium)

Reproductive Toxicity:

No reproductive toxic substances according to Annex I of EU Directive 67/548/EEC, California Proposition 65 and DFG.

Carcinogenicity:

No human carcinogen or potential carcinogen, according to IARC Monographs, NTP, OSHA (USA) regulation, California Proposition 65 and Annex I of EU Directive.

Others:

Sub-Acute toxicity – Rats; 90 days inhalation Test,

Test Sample : Magnetic toner

(mean volume diameter is 6.0 µm)

NOEL (No observed effect level) : 16 mg/m3.

SECTION 12: ECOLOGICAL INFORMATION

No information indicating any adverse ecological effects.

Avoid spills and dispose of in accordance with applicable laws and regulations.

SECTION 13: DISPOSAL CONSIDERATION

Method of Disposal: The waste toner could be considered as plastic powder waste. Disposal should be subject to federal, state or local laws.

SECTION 14: TRANSPORT INFORMATION

UN#: BY SHIP : None BY AIR : Not identified.

UN Shipping Name: BY SHIP : None BY AIR : Not Identified.

UN Classification: BY SHIP : None BY AIR : Not Identified.

UN Packing Group: BY SHIP : None BY AIR : Not Identified.

Special Precautions: None

SECTION 15: REGULATORY INFORMATION

EU Information:

Information on the Label:

Symbol & Indication: Not required

R-Phrase: Not required

S-Phrase: Not required

Dangerous Component (s): None

Specific Provisions in Relation to Protection of Man or the Environment:

76/769/EEC: Not regulated

(EEC)3093/94: Not regulated

(EEC)2455/92: Not regulated

SECTION 15: REGULATORY INFORMATION

Specific Provisions in Relation to Protection of Man or the Environment (continued).

Others None

USA Information:

Information on the Label under OSHA HCS:

Signal Word: Not required.

Hazard Warning Not required.

Safety Advice: Not required.

Hazardous Component (s): None

SARA Title III, 313:

Chemical Name	Weight %
None	

California Proposition 65:

Chemical Name	Weight %
None	

SECTION 16: OTHER INFORMATION

Other Information:

- NONE

Literature Reference:

- U.S. Department of Labor, 29 CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Consumer Product Safety Commission, 16 CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National toxicology Program, Annual Report on Carcinogens
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the valuation on the Carcinogenic Risk of Chemicals to Humans
- DFG, List of MAK and BAT Values
- EU Directive 76/769/EEC, 67/548/EEC, 88/379/EEC and their amendments.
- EU Regulation (EC) 3093/94, (EEC) 2455/92 and their amendments.

SECTION 16: OTHER INFORMATION (continued)

Abbreviations:

- "EU" stands for European Union
- "OSHA PEL" stands for PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration
- "ACGIH TLV" stands for TLV (Threshold Limit Value) under American Conference of governmental Industrial Hygienists
- "EU ILV" stands for Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC.
- "DFG MAK" stands for MAK (Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.
- "TWA" stands for Time Weighted Average.
- "IARC" stands for International Agency for Research on Cancer
- "NTP" stands for National Toxicology Program (USA).

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NOTE: The specifications given in this Safety Data Sheet are for products supplied by CANON CANADA INC. only