Material Safety Data Sheet

MSDS No.: TN147G-00EY Date 2009/12/24

1. PRODUCT AND COMPANY IDENTIFICATION

Manufacturer : Oki Data Corporation

Address : 4-11-22 Shibaura Minato-Ku Tokyo 108 - 8551 Japan
Contact Point : [Department] European Technical Support Centre

[Telephone Number] +44 (0)1236 502502 [FAX Number] +44 (0)1236 503000

[E-mail] msdsquestions@okieurope.com

Product Name:

B6200/B6250/B6300/B6500Toner (Black)

2.HAZARD IDENTIFICATION

GHS Classification		
Physical Hazards	Explosives	Not classified
	Flammable Gases	Not applicable
	Flammable Aerosols	Not applicable
	Oxidizing Gases	Not applicable
	Gases Under Pressure	Not applicable
	Flammable Liquids	Not applicable
	Flammable Solids	Not classified
	Self-Reactive Substances and Mixtures	Not classified
	Pyrophoric Liquids	Not applicable
	Pyrophoric Solids	Not classified
	Self-Heating Substances and Mixtures	Not classified
	Substances and Mixtures which, in Contact with	Not classified
	Water, Emit Flammable Gases	
	Oxidizing liquids	Not applicable
	Oxidizing Solids	Not classified
	Organic Peroxides	Not classified
	Corrosive to Metals	Not classified
Health Hazards	Acute Toxicity (Oral)	Not classified
	Acute Toxicity (Skin)	Classification not possible
	Acute Toxicity (Inhalation)	Classification not possible
	Skin Corrosion/Irritation	Not classified
	Serious Eye Damage/Eye Irritation	Not classified
	Respiratory Sensitization	Classification not possible
	Skin Sensitization	Not classified
	Germcell Mutagenicity	Classification not possible
	Carcinogenicity	Classification not possible
	Reproductive Toxicity	Classification not possible
	Specific Target Organ Toxicity Single Exposure	Classification not possible
	Specific Target Organ Toxicity Repeated	Classification not possible
	Aspiration Hazard	Not applicable
Environmental Hazards	Hazardous to the Aquatic Environment (Acute toxicity)	Not classified
	Hazardous to the Aquatic Environment (Chronic toxicity)	Classification not possible

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture : mixture

Chemical Nature

 Chemical Name
 Ingredients (% by wt.)
 CAS Number

 Polyester
 40-50

 Magnetite
 40-50
 1317-61-9

 Polypropylene wax
 <10</td>

 Stylene/acrylate resin and olefin resin
 <10</td>

 Amorphous silica
 <10</td>
 7631-86-9

UN Hazard Class: None UN Number :None

This product does not contain Lead, Mercury, Cadmium, Hexavalent Chromium,

Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) intentionally.

4.FIRST-AID MEASURES

Eve contact : Flush with a large amount of water for at least 15 minutes. Seek medical advice.

Skin contact : Wash with soap and water.

Inhalation : Remove from exposure and provide fresh air. Rinse mouth with water.

Ingestion : Rinse mouth with water. Give several glasses of water to drink and seek medical advice.

5.FIRE-FIGHTING MEASURES

Suitable Extingishing Media : Water spray, Foam, Dry chemicals. When in a machine, treat as an electrical fire.

Unsuitable Extinguishing Media : No Information.

6.ACCIDENTAL RELEASE MEASURES

Personal precautions, protective : Avoid inhalation. If you spill a large volume of toner, contact your local Fuji equipment and emergency procedures : Xerox representative for special handling.

Environmental precautions : Prevent from entering into soil, waterways and ground water.

Methods and materials for containment : Get rid of fire sources. Use a broom or a wet cloth to wipe off spilled toner. (It may catch fire by electric sparks inside the vacuum cleaner and cause

may each fire by electric sparks inside the vacuum cleaner and cause

explosion.)

7.HANDLING AND STORAGE

Handling

Technical measures : None required when used as intended in Fuji Xerox equipment. Local and total ventilation : None required when used as intended in Fuji Xerox equipment.

Notice : Do not incinerate toner or a toner cartridge. Do not dissemble a cartridge. Safe handling advice : Do not incinerate toner or a toner cartridge. Do not dissemble a cartridge.

Storage

Technical measures : None

Conditions for safe storage : Keep in cool, dry and well-ventilated area. Keep out of reach of children.

Packaging compatibilities : Keep in Fuji Xerox's designated packaging materials.

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

ACGIH TLV (2008) : $10 \text{ mg/m}^3 \text{ (Total)}$

3 mg/m³ (Respirable)

Precautionary Measured : None required when used as intended in Fuji Xerox equipment.

For use other than normal customer operating procedures(such as in bulk toner

processing facilities), local exhaust ventilation may be required.

Personal Protective Equipment : None required when used as intended in Fuji Xerox equipment.

For use other than normal customer operating procedures(such as in bulk toner processing facilities), protective glove, goggles and respirators may be required.

9.PHYSICAL AND CHEMICAL PROPERTIES

Date: 2009/12/24

Appearance Black Powder Odour slightly sour smell Not available рH Melting Point/freezing point Not available Boiling Point/Initial boiling point and boiling range Not available Flash point None Auto-ignition temperature : None Upper/lower flammability or explosive limits : Not available Vapour Pressure Not available Vapour density Not available

Relative density Not available Solubility Insoluble Partition coefficient:n-octanol/water Not applicable Not available Decompositon temperature

10.STABILITY AND REACTIVITY

Stability and Reactivity Stable Possibility of hazardous reactions None Conditions to avoid None Incompatible materials None

Hazardous decomposition products No Information

11.TOXICOLOGICAL INFORMATION

Acute Toxicity > 2000 mg/kg*1(practically non-toxic) Swallowed→LD50 (rat)

: Not available Skin→LD50 (rabbit) Inhaled→LC50 (rat) Not available Not an irritant*1 Skin Irritant (rabbit) Not a corrossive

Skin Corrosive Eye Irritant (rabbit) : Not an irritant*1 Skin Sensitization (guinea-pig) : Not a sensitizer*1

Mutagenicity: Ames Assay

Carcinogenicity Carbon Black is classified as "Group 2B(possibly carcinogenic to humans) " by IARC. But we obtained the results from a Chronic

Toner Inhalation Study, that commercially available Xerox toner has no evidence of human carcinogens. All other ingredients are not

classified as "Carcinogens ref.1".

Not classified as "Reproductive and Development chemicals ref.2" Reproduction and Development

Specific Target Organ Toxicity Single Exposure Not available

Specific Target Organ Toxicity Repeated The results obtained from a Xerox sponsored, Chronic Toner Inhalation Study, demonstrated no lung change in rats for the lowest (1mg/m3)

exposure level (i.e. the level most relevant to potential human exposure). A very slight degree of fibrosis was noted in 25% of the animals at the middle (4mg/m3) exposure level, while a slight degree of fibrosis was noted in all the animals at the highest (16 mg/m3) exposure level. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged period. This study was conducted using a special test toner to comply with EPA testing protocol. The test toner was ten times more respirable than commercially available Xerox toner, and would not be

functionally suitable for Xerox equipment.*1

Aspiration Hazard Not applicable

Other Information None

This information is based on toxicity data for similar materials and ingredients.

12.ECOLOGICAL INFORMATION

Acute Toxicity Fish 96hr LC50 (Oryzias latipes) > 500 mg/L*1(practically

non-toxic)

Daphnia 48hr EC50 (Daphnia magna) > 100 mg/L(practically non-toxic) B6200/B6250/B6300/B6500 Toner (Black) Fuji Xerox Co., Ltd MSDS No:TN147G-00EY Date:2009/12/24

Algae 72hr EC50 (Selenastrum capricornutum) : > 100 mg/L (practically non-toxic)

Persistence and degradability : Not available
Bioaccumulative potential : Not available
Mobility in soil : Not available
Other adverse effects : Not available
*1 This information is based on toxicity data for similar materials and ingredients.

13.DISPOSAL CONSIDERATIONS

Dispose off in accordance with national and local regulations.

14.TRANSPORT INFORMATION

Transport in accordance with national, and local regulations.

15.REGULATORY INFORMATION

Ensure this product in compliance with national requirements and ensure comformity to local regulations.

16.OTHER INFORMATION

The above mentioned data correspond to our present state of knowledge and experience, but no warranty is made. Users should consider these data only as a supplement to other information and must make independent determination of the suitability and completeness of information from all sources to ensure proper use and disposal of the materials and safety and health of employees and customers.

References

- 1 : IARC Monographs on the Evaluation Carcinogenic Risks to Humans (WHO.International Agency for Research on Cancer)
 - ◆ National Toxicology Program(NTP) Report on Carcinogens (NTP)
 - ◆ TLVs and BEIs (American Conference of Governmental Industrial Hygienists)
 - ♦ Council Directive 67/548/EEC on the approximation of the laws, regulations, and administratives provisions relating to the classification, packing and labelling of dangerous substances; Annex 1 (EU)
 - ◆ Journal of Occupational Health(Japan Society for Occupational Health)