



MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Name **Black Toner For CS-1620,1635,1650,2020,2035,2050**
 Manufacturer **Kyocera Mita Corporation**
 Address **COPYSTAR, A DIVISION OF
 Kyocera Mita America, Inc.
 225 Sand Road
 Fairfield, NJ 07004**
 Telephone Number **(973)-808-8444**
 Date **May 15, 2006**

Section 2. Composition/Information on Ingredients

Hazardous Components (Chemical Identity, Common Name/s)	OSHA PEL	ACGIH TLV	NOHSC	%
Titanium oxide (CAS No. 13463-67-7)	15mg/m ³	10mg/m ³		1-5
Silica (CAS No. 7631-86-9)	5mg/m ³	10mg/m ³		1-5
<i>(Non Hazardous Ingredients)</i>				
Styrene acrylate copolymer-1	Not listed	Not listed	Not listed	50-60
Magnetite	Not listed	Not listed	Not listed	30-40
Styrene acrylate copolymer-2	Not listed	Not listed	Not listed	1-5

Section 3. Hazards Identification

Most Important Hazards: NONE

Specific Hazards: NONE

Other Information on Hazards: Potential Health Effects

Ingestion Ingestion is not applicable route of entry for intended use.
 Inhalation Prolonged Inhalation of excessive dusts may cause lung damage.
 Use of this product, as intended, does not result in inhalation of excessive dusts.
 Eye Contact May cause eye irritation.
 Skin Contact Unlikely to cause skin irritation.

Section 4. First Aid Measures

First Aid Measures

Ingestion Rinse out the mouth. Dilute stomach contents with several glasses of water and seek medical treatment.
 Inhalation Remove from exposure to fresh air. Seek medical treatment if effects (such as coughing) occur.
 Eye Contact Flush thoroughly with water and seek medical treatment if irritating.
 Skin Contact Wash with soap and water.



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Section 5. Fire Fighting Measures

Extinguishing Media	Water, (Sprinkle with water), Foam, Powder, CO ₂ or Dry Chemical Extinguisher.
Special Fire Fighting Procedures	Pay attention not to blow away toner powder. Drain water off around and decrease the atmosphere temperature to extinguish the fire.

Section 6. Accidental Release Measures

Personal Precautions	Avoid inhalation, ingestion, eye and skin contact in case of accidental toner release.
Environmental Precautions	No special precaution.
Method for Cleaning Up	Gather the released toner not to blow away and to wipe up with a wet cloth.

Section 7. Handling and Storage

Handling	Keep the toner container tightly closed. Keep away from children.
Storage	Keep the toner container tightly closed and store in a cool, dry and dark place. Keep away from fire. Keep away from children.

Section 8. Exposure Controls/Personal Protection

Ventilation	Ventilator is not required under normal use.
Personal Protection Equipment(s)	
Respiratory Protection	Not required under normal use.
Eye/Face Protection	Not required under normal use.
Hand Protection	Not required under normal use.
Skin/Body Protection	Not required under normal use.

Section 9. Physical and Chemical Properties

Appearance	Black fine powder
Odor	Odorless
pH	N.A.
Melting Point	140 ^o C
Explosion Properties	Dust explosion is improbable under normal use. Experimental explosiveness of toner is classified into the same rank such kind of powder as flour, dry milk and resin powder according to pressure rising speed.
Specific Gravity (H ₂ O=1)	0.8 (Bulk density)
Solubility	Almost insoluble in water.



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Section 10. Stability and Reactivity

Stability / Reactivity Stable under normal use.
 Hazardous Decomposition Products None

Section 11. Toxicological Information

Acute oral toxicity No data available.
 Acute dermal toxicity No data available.
 Acute inhalation toxicity No data available.
 Acute eye irritation No data available.
 Acute skin irritation No data available.
 Skin sensitization No data available.
 Mutagenicity Ames Test is Negative.
 Reproductive Toxicity No reproductive toxicant, according to MAK, CA Proposition 65, TRGS 905 and EU Directive(67/548/EEC).
 Carcinogenicity No carcinogen or potential carcinogen, according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, ILO, MAK, CA Proposition 65, TRGS 905 and EU Directive(67/548/EEC).
 Other Information NONE

Section 12. Ecological Information

No Data Available

Section 13. Disposal Considerations

Waste Disposal Method Dispose in accordance with local, state and federal regulations. Do not incinerate toner and toner containers. Dangerous sparks may cause burn.

Section 14. Transport Information

UN No. None.
 UN Shipping Name None.
 UN Classification None.
 UN Packing Group None.
 Special Precautions None.

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Section 15. Regulatory Information

EU Information
Label Information according to the Directives 67/548/EEC and 1999/45/EEC.

- Symbol and Indication Not required.
- R-Phrase Not required.
- S-Phrase Not required.

All components in this product comply with order under 67/548/EEC.

US Information

All components in this product comply with order under TSCA.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

- <Abbreviation>
- ACGIH American Conference of Governmental Industrial Hygienists
- EPA Environmental Protection Agency(USA)
- IARC International Agency for Reseach on Cancer
- JAIH Japan Association on Industrial Health
- MAK MAK(Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft
- NTP National Toxicology Program
- OSHA Occupational Safety and Health Administration
- TRGS Technische Regeln für Gefahrstoffe(Deutsche)
- TSCA Toxic Substances Control Act(USA)

 End of MSDS
