MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Name	**Black Toner For FS-1900,1900N**
Manufacturer	Kyocera Mita Corporation
Address	Kyocera Mita America, Inc. 225 Sand Road Fairfield, NJ 07004
Telephone Number	(973)-808-8444
Date	February 03, 2005

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
Carbon Black (CAS No. 1333-86-4)	3.5mg/m^3	3.5mg/m^3		<1
(Non Hazardous Ingredients)				
Styrene acrylate copolymer	Not listed	Not listed	Not listed	50-60
Magnetite	Not listed	Not listed	Not listed	30-40

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.

Section 5. Fire Fighting Measures

Extinguishing Media	Water, (Sprinkle with water), Foam, Powder, $C0_2$ 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	Never open the toner container.
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	None required under normal use.
Eye/Face Protection	None required under normal use.
Hand Protection	None required under normal use.
Skin/Body Protection	None required under normal use.

Section 9. Physical and Chemical Properties

Appearance	Black fine powder
Odor	Odorless
pH	N.A.
Melting Point	140^0 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 presure rising speed.
Specific Gravity (H_2O=1)	0.8 (Bulk density)
Solubility	Almost insoluble in water.

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 (except carbon black), 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).

In 1996, the IARC reevaluated carbon black as a Group 2B carcinogen (possible human carcinogen). This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rat receiving chronic inhalation exposures to free carbon black at level that induce particle overload of the lung.

Studies performed in animal models other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, a two-year's cancer bioassay using a typical toner preparation containing carbon black demonstrated no association between toner exposure and tumor development in rats.

Chronic effects:

In a study in rats by chronic inhalation exposure to a typical toner, a mild to moderate degree of lung fibrosis was observed in 92% of the rats in the high concentration (16mg/m^3) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m^3) exposure group. But no pulmonary change was reported in the lowest (1mg/m^3) exposure group, the most relevant level to potential human exposures.

Others	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.

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 Regein für Gefahrstoffe(Deutsche)
TSCA	Toxic Substances Control Act(USA)

End of MSDS