Section 1. Chemical Product and Company Identification

Product Name: Black Toner For TASKalfa 3050ci, 3550ci
Manufacturer: Kyocera Mita Corporation
Address: Kyocera Mita Canada, Ltd.
6120 Kestrel Road
Mississauga, Ontario L5T 1S8
Telephone Number: (905) 670-4425
Date: June 28, 2011

Section 2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>IARC</th>
<th>NTP</th>
<th>Weight%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CAS No. 1333-86-4) Carbon Black</td>
<td>3.5mg/m³ (TWA)</td>
<td>3.5mg/m³ (TWA)</td>
<td>Group 2B</td>
<td>Not Listed</td>
<td>5-10</td>
</tr>
<tr>
<td>(CAS No. 66402-68-4) Ferrite (Ferrite including manganese)</td>
<td>5mg/m³ (Ceiling) (Manganese compounds as Mn)</td>
<td>0.2mg/m³ (TWA) (Manganese and inorganic compounds as Mn)</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>1-10 (as Mn: &lt;2)</td>
</tr>
<tr>
<td>(CAS No. 7631-86-9) Amorphous silica</td>
<td>80mg/m³ SiO₂ (TWA)</td>
<td>Not Listed</td>
<td>Group 3</td>
<td>Not Listed</td>
<td>1-5</td>
</tr>
<tr>
<td>(CAS No. 13463-67-7) Titanium dioxide</td>
<td>15mg/m³ (Total Dust) (TWA)</td>
<td>10mg/m³ (TWA)</td>
<td>Group 2B</td>
<td>Not Listed</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Polyester resin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>65-75</td>
</tr>
</tbody>
</table>

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 transient eye irritation.
Skin Contact: Unlikely to cause skin irritation.
Section 4. First Aid Measures

Inhalation
- Remove from exposure to fresh air and gargle with plenty of water.
- Seek medical treatment in case of such a symptom as coughing.

Skin Contact
- Wash with soap and water. If irritation does occur, seek medical treatment.

Eye Contact
- Flush thoroughly with water and seek medical treatment if irritating.

Ingestion
- Ingestion is not applicable route of entry for intended use.
- Rinse out mouth. Drink one or two glasses of water to dilute.
- Seek medical treatment if necessary.

Section 5. Fire Fighting Measures

Extinguishing Media
- Water (Sprinkle with water), Foam, Powder, CO₂ or Dry Chemical Extinguisher.

Fire Fighting Procedure
- 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
- Do not release into drains and surface water.

Method for Cleaning Up
- Gather the released toner, not blowing away, and wipe up with a wet cloth.

Section 7. Handling and Storage

Handling
- Keep the container tightly closed.
- Keep away from children.

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

Section 8. Exposure Controls/Personal Protection

Control Parameters<Reference Data>
- ACGIH TLV(2)-TWA Inhalable fraction 10mg/m³, Respirable fraction 3mg/m³
- OSHA PEL(3)-TWA Total dust 15mg/m³, Respirable fraction 5mg/m³

Protective Equipment
- Respiratory Protection: None required under normal use.
- Eye/Face Protection: None required under normal use.
- Skin/Hand/Body Protection: None required under normal use.
- Ventilation: Ventilator is not required under normal use.
Section 9. Physical and Chemical Properties

Appearance
Physical state: Solid
Form: Fine powder
Color: Black
Odor: Odorless
pH: Not applicable
Melting Point: 100-120°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 the pressure rising speed.

Density: 1.2-1.4 g/cm³
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
(rat) LD₅₀ > 2,000 mg/kg (Estimated from other products containing same materials.) [Toner]
(rat) LD₅₀ > 2,500 mg/kg (Estimated from the data of constituent materials.) [Carrier]

Acute dermal toxicity
(rat) LD₅₀ > 2,000 mg/kg (Estimated from Acute oral toxicity for same product.) [Toner]

Acute inhalation toxicity
(rat) LC₅₀ (4hr) > 5.0 mg/l (Estimated from other products containing same materials.) [Toner]

Acute eye irritation
(rabbit) Minimal irritant (Estimated from other products containing same materials.) [Toner]

Skin sensitization
(mouse) Non-Sensitiser (Estimated from other products containing same materials.) [Toner]

Skin sensitization
(rabbit) Non-irritant (Estimated from the data of constituent materials.) [Carrier]

Mutagenicity
Ames Test is Negative. [Toner]
Ames Test is Negative. (Estimated from the data of constituent materials.) [Carrier]

Information of Ingredients: No mutagen, according to MAK, TRGS905 and (EC) No 1272/2008 Annex VI Table3.2.

Reproductive Toxicity
Information of Ingredients: No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and (EC) No 1272/2008 Annex VI Table3.2.

Carcinogenicity
Information of Ingredients: No carcinogen or potential carcinogen (except carbon black and titanium dioxide) according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, MAK, California Proposition 65, TRGS 905, and (EC) No 1272/2008 Annex VI Table3.2.

The IARC reevaluated carbon black and titanium dioxide as a Group 2B carcinogen (possibly carcinogenic to humans) as the result of inhalation exposure test in rats. But, oral/skin test does not show carcinogenicity. The evaluation of carbon black 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. The studies performed in animal models other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, a two-years cancer bioassay using a typical toner preparation containing carbon black demonstrated no association between toner exposure and tumor development in rats.

In the animal chronic inhalation studies for titanium dioxide, the lung tumor was observed in only rats. It is estimated that this is attributed to the overload of rat's lung clearance mechanism (overload phenomenon). The inhalation of excessive titanium dioxide does not occur in normal use of this product. Also, epidemiological studies to date have not revealed any evidence of the relation between occupational exposure to titanium dioxide and respiratory tract diseases.

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/m³) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m³) exposure group. But no pulmonary change was reported in the lowest (1mg/m³) exposure group, the most relevant level to potential human exposures.

Other Information: None
Section 12. Ecological Information
No data available.

Section 13. Disposal Considerations
Do not incinerate toner and toner containers. Dangerous sparks may cause burn.
Any disposal practice should be done under conditions which meet local, province and federal laws
and regulations relating to waste (contact local or province environmental agency for specific rules).

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
US Information
All components in this product comply with order under TSCA.
EU Information
Symbol & Indication Label information according to the Directives 67/548/EEC and 1999/45/EC
R-Phrase Not required
S-Phrase Not required
Special markings Not required
Hazardous ingredients for labeling None

Canada Information
This product is not a WHMIS-controlled product, since we consider it as a Manufactured article.

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.

<Reference>
(1) Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats H. Muhle et. al Fundamental and Applied Toxicology 17.280-299(1991)
(2) ACGIH TLV (Threshold Limit Values)
(3) OSHA PEL (Permissible Exposure Limits)
(5) NIOSH CURRENT INTELLIGENCE BULLETIN "Evaluation of Health Hazard and Recommendation for Occupational Exposure to Titanium Dioxide
DRAFT".*ISO 11014-1 Safety data sheet for chemical products.

<Abbreviation>
ACGIH American Conference of Governmental Industrial Hygienists
OSHA Occupational Safety and Health Administration
TWA Time Weighted Average
IARC International Agency for Research on Cancer
EPA Environmental Protection Agency (USA)
NTP National Toxicology Program
MAK Maximale Arbeitsplatzkonzentrationen unter Deutsche Forschungsgemeinschaft
TRGS905 Technische Regeln für Gefahrstoffe (Deutsche)
UN United Nations
TSCA Toxic Substances Control Act (USA)
WHMIS Workplace Hazardous Materials Information System(Canada)

End of MSDS
Section 1. Chemical Product and Company Identification

Product Name: Cyan Toner For TASKalfa 3050ci, 3550ci
Manufacturer: Kyocera Mita Corporation
Address: Kyocera Mita Canada, Ltd.
6120 Kestrel Road
Mississauga, Ontario L5T 1S8
Telephone Number: (905) 670-4425
Date: June 28, 2011

Section 2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Identity, Common Name/s)</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>IARC</th>
<th>NTP</th>
<th>Weight%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CAS No. 66402-68-4) Ferrite (Ferrite including manganese) (Manganese compounds (as Mn))</td>
<td>5mg/m³ (Ceiling) (Manganese compounds (as Mn))</td>
<td>0.2mg/m³ (TWA) (Manganese and inorganic compounds as Mn)</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>1-10 (as Mn:&lt;2)</td>
</tr>
<tr>
<td>(CAS No. 7631-86-9) Amorphous silica</td>
<td>80mg/m³ %SiO₂ (TWA)</td>
<td>Not Listed</td>
<td>Group 3</td>
<td>Not Listed</td>
<td>1-5</td>
</tr>
<tr>
<td>(CAS No. 13463-67-7) Titanium dioxide</td>
<td>15mg/m² (Total Dust) (TWA)</td>
<td>10mg/m³ (TWA)</td>
<td>Group 2B</td>
<td>Not Listed</td>
<td>&lt;1</td>
</tr>
<tr>
<td>(Non Hazardous Ingredients)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyester resin 1</td>
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<td></td>
<td></td>
<td>65-75</td>
</tr>
<tr>
<td>Polyester resin 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5-10</td>
</tr>
</tbody>
</table>

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 transient eye irritation.
  Skin Contact: Unlikely to cause skin irritation.
Section 4. First Aid Measures

Inhalation
Remove from exposure to fresh air and gargle with plenty of water.
Seek medical treatment in case of such a symptom as coughing.

Skin Contact
Wash with soap and water. If irritation does occur, seek medical treatment.

Eye Contact
Flush thoroughly with water and seek medical treatment if irritating.

Ingestion
Ingestion is not applicable route of entry for intended use.
Rinse out mouth. Drink one or two glasses of water to dilute.
Seek medical treatment if necessary.

Section 5. Fire Fighting Measures

Extinguishing Media
Water (Sprinkle with water), Foam, Powder, CO₂ or Dry Chemical Extinguisher.

Fire Fighting Procedure
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
Do not release into drains and surface water.

Method for Cleaning Up
Gather the released toner, not blowing away, and wipe up with a wet cloth.

Section 7. Handling and Storage

Handling
Keep the container tightly closed.
Keep away from children.

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

Section 8. Exposure Controls/Personal Protection

Control Parameters<Reference Data>

ACGIH TLV(2)-TWA
Inhalable fraction 10mg/m³, Respirable fraction 3mg/m³

OSHA PEL(3)-TWA
Total dust 15mg/m³, Respirable fraction 5mg/m³

Protective Equipment
Respiratory Protection
None required under normal use.

Eye/Face Protection
None required under normal use.

Skin/Hand/Body Protection
None required under normal use.

Ventilation
Ventilator is not required under normal use.
Section 9. Physical and Chemical Properties

Appearance
Physical state Solid
Form Fine powder
Color Cyan
Odor Odorless
pH Not applicable
Melting Point 100-120°C[Toner]

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 the pressure rising speed.
Density 1.2-1.4g/cm³[Toner]
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 (rat)LD₅₀>2,000mg/kg [Estimated from other products containing same materials.] [Toner]
(rat)LD₅₀>2,500mg/kg [Estimated from the data of constituent materials.] [Carrier]

Acute dermal toxicity (rat)LD₅₀>2,000mg/kg [Estimated from Acute oral toxicity for same product.] [Toner]
(rat)LD₅₀>2,000mg/kg [Estimated from the data of constituent materials.] [Carrier]

Acute inhalation toxicity (rat)(LC₅₀(4hr)>5.0mg/l [Estimated from other products containing same materials.] [Toner]
(rat)(LC₅₀(4hr)>5.0mg/l [Estimated from the data of constituent materials.] [Carrier]

Acute eye irritation (rabbit) Minimal irritant [Estimated from other products containing same materials.] [Toner]
(rabbit) Non-irritant [Estimated from the data of constituent materials.] [Carrier]

Acute skin irritation (rabbit) Non-irritant [Estimated from other products containing same materials.] [Toner]
(rabbit) Non-irritant [Estimated from the data of constituent materials.] [Carrier]

Skin sensitization (mouse) Non-Sensitiser [Estimated from other products containing same materials.] [Toner]
(guinea pig) Non-Sensitiser [Estimated from the data of constituent materials.] [Carrier]

Mutagenicity Ames Test is Negative. [Toner]
Ames Test is Negative. [Estimated from the data of constituent materials.] [Carrier]

Information of Ingredients: No reproductive toxicant, according to MAK, TRGS905 and (EC)No 1272/2008
AnnexVI Table3.2.

Reproductive Toxicity
Information of Ingredients: No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and (EC)No 1272/2008
AnnexVI Table3.2.

Carcinogenicity
Information of Ingredients: No carcinogen or potential carcinogen (except titanium dioxide) according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, MAK, California Proposition 65, TRGS905, and (EC)No 1272/2008 AnnexVI Table3.2.
The IARC reevaluated titanium dioxide as a Group 2B carcinogen (possibly carcinogenic to humans) as the result of inhalation exposure test in rats. But, oral/skin test does not show carcinogenicity. In the animal chronic inhalation studies for titanium dioxide, the lung tumor was observed in only rats. It is estimated that this is attributed to the overload of the rat’s lung clearance mechanism (overload phenomenon).
The inhalation of excessive titanium dioxide does not occur in normal use of this product. Also, epidemiological studies to date have not revealed any evidence of the relation between occupational exposure to titanium dioxide and respiratory tract diseases.

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/m³) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m³) exposure group. But no pulmonary change was reported in the lowest (1mg/m³) exposure group, the most relevant level to potential human exposures.

Other Information: None
Section 12. Ecological Information

No data available.

Section 13. Disposal Considerations

Do not incinerate toner and toner containers. Dangerous sparks may cause burn. Any disposal practice should be done under conditions which meet local, province and federal laws and regulations relating to waste (contact local or province environmental agency for specific rules).

Section 14. Transport Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No.</td>
<td>None</td>
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<tr>
<td>UN Shipping Name</td>
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</tr>
<tr>
<td>UN Classification</td>
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<tr>
<td>UN Packing Group</td>
<td>None</td>
</tr>
<tr>
<td>Special Precautions</td>
<td>None</td>
</tr>
</tbody>
</table>

Section 15. Regulatory Information

US Information
All components in this product comply with order under TSCA.

EU Information
Label information according to the Directives 67/548/EEC and 1999/45/EC)

Symbol & Indication: Not required
R-Phrase: Not required
S-Phrase: Not required
Special markings: Not required
Hazardous ingredients for labeling: None

Canada Information
This product is not a WHMIS-controlled product, since we consider it as a Manufactured article.

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.

<Reference>
2. ACGIH TLV (Threshold Limit Values)
3. OSHA PEL (Permissible Exposure Limits)
5. NIOSH CURRENT INTELLIGENCE BULLETIN “Evaluation of Health Hazard and Recommendation for Occupational Exposure to Titanium Dioxide DRAFT”.

*ISO 11014-1 Safety data sheet for chemical products.

<Abbreviation>
AGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TWA: Time Weighted Average
IARC: International Agency for Research on Cancer
EPA: Environmental Protection Agency (USA)
NTP: National Toxicology Program
MAK: Maximale Arbeitsplatzkonzentrationen under Deutsche Forschungsgemeinschaft
PEL: Permissible Exposure Limit
TRGS905: Technische Regeln für Gefahrstoffe (Deutsche)
UN: United Nations
TSCA: Toxic Substances Control Act (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)

End of MSDS
Section 1. Chemical Product and Company Identification

Product Name: Magenta Toner For TASKalfa 3050ci, 3550ci
Manufacturer: Kyocera Mita Corporation
Address: Kyocera Mita Canada, Ltd.
           6120 Kestrel Road
           Mississauga, Ontario L5T 1S8
Telephone Number: (905) 670-4425
Date: June 28, 2011

Section 2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL SubpartZ</th>
<th>ACGIH TLV</th>
<th>IARC</th>
<th>NTP</th>
<th>Weight%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(CAS No. 66402-68-4) Ferrite (Ferrite including manganese)</td>
<td>5mg/m³(Ceiling) (Manganese compounds (as Mn))</td>
<td>0.2mg/m³(TWA) (Manganese and inorganic compounds as Mn)</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>1-10 (as Mn:&lt;2)</td>
</tr>
<tr>
<td>(CAS No. 7631-86-9) Amorphous silica</td>
<td>80mg/m³³%SiO₂(TWA)</td>
<td>Not Listed</td>
<td>Group3</td>
<td>Not Listed</td>
<td>1-5</td>
</tr>
<tr>
<td>(CAS No. 13463-67-7) Titanium dioxide</td>
<td>15mg/m³(Total Dust) (TWA)</td>
<td>10mg/m³³(TWA)</td>
<td>Group 2B</td>
<td>Not Listed</td>
<td>&lt;1</td>
</tr>
<tr>
<td>(Non Hazardous Ingredients)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Polyester resin 1</td>
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<td>65-75</td>
</tr>
<tr>
<td>Polyester resin 2</td>
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<td></td>
<td></td>
<td></td>
<td>5-10</td>
</tr>
</tbody>
</table>

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 transient eye irritation.
  - Skin Contact: Unlikely to cause skin irritation.
Section 4. First Aid Measures

**Inhalation**
Remove from exposure to fresh air and gargle with plenty of water.
Seek medical treatment in case of such a symptom as coughing.

**Skin Contact**
Wash with soap and water. If irritation does occur, seek medical treatment.

**Eye Contact**
Flush thoroughly with water and seek medical treatment if irritating.
Ingestion is not applicable route of entry for intended use.
Rinse out mouth. Drink one or two glasses of water to dilute.
Seek medical treatment if necessary.

Section 5. Fire Fighting Measures

**Extinguishing Media**
Water (Sprinkle with water), Foam, Powder, CO2 or Dry Chemical Extinguisher.

**Fire Fighting Procedure**
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**
Do not release into drains and surface water.

**Method for Cleaning Up**
Gather the released toner, not blowing away, and wipe up with a wet cloth.

Section 7. Handling and Storage

**Handling**
Keep the container tightly closed.
Keep away from children.

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

Section 8. Exposure Controls/Personal Protection

**Control Parameters<Reference Data>**

- ACGIH TLV\(\text{(2)}\)-TWA
  - Inhalable fraction \(10\text{mg/m}^3\), Respirable fraction \(3\text{mg/m}^3\)

- OSHA PEL\(\text{(3)}\)-TWA
  - Total dust \(15\text{mg/m}^3\), Respirable fraction \(5\text{mg/m}^3\)

**Protective Equipment**

- Respiratory Protection
  - None required under normal use.

- Eye/Face Protection
  - None required under normal use.

- Skin/Hand/Body Protection
  - None required under normal use.

- Ventilation
  - Ventilator is not required under normal use.
Section 9. Physical and Chemical Properties

Appearance
Physical state: Solid
Form: Fine powder
Color: Magenta
Odor: Odorless
pH: Not applicable
Melting Point: 100-120°C [Toner]
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 the pressure rising speed.
- Density: 1.2-1.4g/cm³ [Toner]
- 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: (rat)LD₅₀>2,000mg/kg (Estimated from other products containing same materials.) [Toner]
Acute dermal toxicity: (rat)LD₅₀>2,500mg/kg (Estimated from the data of constituent materials.) [Carrier]
Acute inhalation toxicity: (rat)LC₅₀(4hr)>5.0mg/l (Estimated from other products containing same materials.) [Toner]
Acute eye irritation: (rabbit) Minimal irritant (Estimated from other products containing same materials.) [Toner]
Acute skin irritation: (rabbit) Non-irritant (Estimated from other products containing same materials.) [Toner]
Skin sensitization: (mouse) Non-Sensitiser (Estimated from other products containing same materials.) [Toner]
Mutagenicity: Ames Test is Negative. [Toner]

Information of Ingredients:
- No carcinogen or potential carcinogen (except titanium dioxide) according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, MAK, California Proposition 65, TRGS905, and (EC) No 1272/2008 AnnexVI Table3.2.
- No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and (EC) No 1272/2008 AnnexVI Table3.2.
- No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and (EC) No 1272/2008 AnnexVI Table3.2.

Carcinogenicity:
Information of Ingredients: No carcinogen or potential carcinogen (except titanium dioxide) according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, MAK, California Proposition 65, TRGS905, and (EC) No 1272/2008 AnnexVI Table3.2.

The IARC reevaluated titanium dioxide as a Group 2B carcinogen (possibly carcinogenic to humans) as the result of inhalation exposure test in rats. But, oral/skin test does not show carcinogenicity. In the animal chronic inhalation studies for titanium dioxide, the lung tumor was observed in only rats. It is estimated that this is attributed to the overload of the rat's lung clearance mechanism (overload phenomenon).

The inhalation of excessive titanium dioxide does not occur in normal use of this product. Also, epidemiological studies to date have not revealed any evidence of the relation between occupational exposure to titanium dioxide and respiratory tract diseases.

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/m³) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m³) exposure group. But no pulmonary change was reported in the lowest (1mg/m³) exposure group, the most relevant level to potential human exposures.

Other Information: None
Section 12. Ecological Information

No data available.

Section 13. Disposal Considerations

Do not incinerate toner and toner containers. Dangerous sparks may cause burn.

Any disposal practice should be done under conditions which meet local, province and federal laws and regulations relating to waste (contact local or province environmental agency for specific rules).

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

US Information
All components in this product comply with order under TSCA.

EU Information
Symbol & Indication Label information according to the Directives 67/548/EEC and 1999/45/EC
R-Phrase Not required
S-Phrase Not required
Special markings Not required
Hazardous ingredients for labeling None

Canada Information
This product is not a WHMIS-controlled product, since we consider it as a Manufactured article.

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.

<Reference>
(1) Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats H. Muhle et. al Fundamental and Applied Toxicology 17.280-299(1991)
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(5) NIOSH CURRENT INTELLIGENCE BULLETIN "Evaluation of Health Hazard and Recommendation for Occupational Exposure to Titanium Dioxide DRAFT"*ISO 11014-1 Safety data sheet for chemical products.

<Abbreviation>
ACGIH American Conference of Governmental Industrial Hygienists
OSHA Occupational Safety and Health Administration
TWA Time Weighted Average
IARC International Agency for Research on Cancer
EPA Environmental Protection Agency (USA)
NTP National Toxicology Program
MAK Maximale Arbeitsplatzkonzentrationen under Deutsche Forschungsgemeinschaft
TRGS905 Technische Regeln für Gefahrstoffe (Deutsche)
UN United Nations
TSCA Toxic Substances Control Act (USA)
WHMIS Workplace Hazardous Materials Information System(Canada)

End of MSDS
Section 1. Chemical Product and Company Identification

Product Name: Yellow Toner For TASKalfa 3050ci, 3550ci
Manufacturer: Kyocera Mita Corporation
Address: Kyocera Mita Canada, Ltd.
6120 Kestrel Road
Mississauga, Ontario L5T 1S8
Telephone Number: (905) 670-4425
Date: June 28, 2011

Section 2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL SubpartZ</th>
<th>ACGIH TLV</th>
<th>IARC</th>
<th>NTP</th>
<th>Weight%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferrite (Ferrite including manganese)</td>
<td></td>
<td>5mg/m³(Ceiling)</td>
<td>0.2mg/m³ (TWA) (Manganese and inorganic compounds as Mn)</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Amorphous silica</td>
<td></td>
<td>80mg/m³%SiO₂(TWA)</td>
<td>Not Listed</td>
<td>Group3</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td></td>
<td>15mg/m³(Total Dust) (TWA)</td>
<td>10mg/m³(TWA)</td>
<td>Group 2B</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

(Non Hazardous Ingredients)

Polyester resin 1
Polyester resin 2

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 transient eye irritation.
Skin Contact: Unlikely to cause skin irritation.
Section 4. First Aid Measures

Inhalation
Remove from exposure to fresh air and gargle with plenty of water.
Seek medical treatment in case of such a symptom as coughing.

Skin Contact
Wash with soap and water. If irritation does occur, seek medical treatment.

Eye Contact
Flush thoroughly with water and seek medical treatment if irritating.

Ingestion
Ingestion is not applicable route of entry for intended use.
Rinse out mouth. Drink one or two glasses of water to dilute.
Seek medical treatment if necessary.

Section 5. Fire Fighting Measures

Extinguishing Media
Water (Sprinkle with water), Foam, Powder, CO₂ or Dry Chemical Extinguisher.

Fire Fighting Procedure
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
Do not release into drains and surface water.

Method for Cleaning Up
Gather the released toner, not blowing away, and wipe up with a wet cloth.

Section 7. Handling and Storage

Handling
Keep the container tightly closed.
Keep away from children.

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

Section 8. Exposure Controls/Personal Protection

Control Parameters<Reference Data>

ACGIH TLV₂-TWA
Inhalable fraction 10mg/m³, Respirable fraction 3mg/m³

OSHA PEL₃-TWA
Total dust 15mg/m³, Respirable fraction 5mg/m³

Protective Equipment

Respiratory Protection
None required under normal use.

Eye/Face Protection
None required under normal use.

Skin/Hand/Body Protection
None required under normal use.

Ventilation
Ventilator is not required under normal use.
Section 9. Physical and Chemical Properties

Appearance

Physical state: Solid
Form: Fine powder
Color: Yellow
Odor: Odorless

Melting Point: 100-120°C [Toner]

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 the pressure rising speed.

Density: 1.2-1.4g/cm³ [Toner]
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: (rat)LD₅₀>2,000mg/kg [Estimated from other products containing same materials.][Toner]
Acute dermal toxicity: (rat)LD₅₀>2,500mg/kg [Estimated from the data of constituent materials.][Carrier]
Acute inhalation toxicity: (rat)LC₅₀(4hr)>5.0mg/l [Estimated from other products containing same materials.][Toner]
Acute eye irritation: (rabbit) Non-irritant [Estimated from other products containing same materials.][Toner]
Skin sensitization: (mouse) Non-Sensitiser [Estimated from other products containing same materials.][Toner]
Mutagenicity: Ames Test is Negative. [Toner]

Information of Ingredients: No reproductive toxicant, according to MAK, TRGS905 and (EC)No 1272/2008

Reproductive Toxicity

Information of Ingredients: No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and (EC) No 1272/2008

Carcinogenicity

Information of Ingredients: No carcinogen or potential carcinogen (except titanium dioxide) according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, MAK, California Proposition 65, TRGS905, and (EC) No 1272/2008

The IARC reevaluated titanium dioxide as a Group 2B carcinogen (possibly carcinogenic to humans) as the result of inhalation exposure test in rats. But, oral/skin test does not show carcinogenicity. In the animal chronic inhalation studies for titanium dioxide, the lung tumor was observed in only rats. It is estimated that this is attributed to the overload of the rat's lung clearance mechanism (overload phenomenon). The inhalation of excessive titanium dioxide does not occur in normal use of this product. Also, epidemiological studies to date have not revealed any evidence of the relation between occupational exposure to titanium dioxide and respiratory tract diseases.

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/m³) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m³) exposure group. But no pulmonary change was reported in the lowest (1mg/m³) exposure group, the most relevant level to potential human exposures.

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End of MSDS

Yellow Toner For TASKalfa 3050ci, 3550ci
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