

Section 1. Chemical Product and Company Identification

Product Name **Black Toner For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
Polyester Resin					60-80
(CAS No. 1333-86-4) Carbon Black	3.5mg/m ³	3.5mg/m ³			<10
Wax					<10
(CAS No. 7631-86-9) Amorphous Silica					<5

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
Chronic Effects See Section 11 Supplemental Health Information.
Carcinogenicity See Section 11 Supplemental Health Information.
Reproductive/ Developmental
 Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Carbon Black	3.5mg/m ³
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Carbon Black	3.5mg/m ³
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Black
Scent	Odorless
Melting Point	110-150 degree (Softening point)
Specific Gravity(H ₂ O=1)	1.1-1.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.13mg/l. (This was the highest attainable concentration.)
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	In 1996, the IARC classified carbon black as a Group 2B carcinogen (possible human carcinogen).
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. These findings are attributed to "lung overloading", a general response to excessive amounts of any dust retained in the lungs for a prolonged period.

Section 12. Ecological Information

Aquatic environment	LC50 is greater than 1000mg/L (fish) EC50 is greater than 1000mg/L (daphnia) EbC50 is greater than 1000mg/L (Algal) (This was the highest attainable mass.)
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification Number	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information
 OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated
 Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.

CERCLA/SARA Information Not regulated

NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.

California Proposition 65 Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This products has been classified in accordance with the hazard criteria of the CPR.

Workplace Hazardous Materials Information System (Canada): No toxicology information available.

Other State Regulations: Carbon black is listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information
 Label Information According to Directive 67/548 EEC & 1999/45 EC
 Symbol & Indication Not required
 Risk Phrase Not required
 Safety Advise Phrase Not required
 76/769/EEC All chemical substances in this product comply with all applicable rules or order under 76/769/EEC.
 National requirement No specific regulations or restrictions.
 Regulation (EC) No. 1907/2006 (REACH)
 All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability	1
Reactivity	0
Health	0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability)	1
Yellow (Reactivity)	0
Blue (Acute Effects)	0

Abbreviation

- OSHA PEL Stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).
- ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)
- DFG-MAK stands for 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).
- NIOSH stands for National Institute for Occupational Safety and Health (USA).
- DOT stands for Department of Transportation (USA).
- NOHSC stands for National Occupational Health and Safety Commission (Australia).

References

IARC (1996) IARC Monographs on the Evaluation of the Carcinogenic Risks of Chemicals to Humans, Vol. 65, Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds, Lyon pp. 149-261.
 H. Muhle, B. Bellmann, O. Creutzenberg, C. Dasenbrock, H. Ernst, R. Kilpper, J.C. MacKenzie, P. Morrow, U. Mohr, S. Takenaka and R. Mermelstein (1991). Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats, Fundamental and Applied Toxicology 17, pp280-299.

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Cyan Toner For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
Polyester resin					60-80
Organic Pigment					<10
Wax					<10
(CAS No. 7631-86-9) Amorphous Silica					<5

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
Chronic Effects See Section 11 Supplemental Health Information.
Carcinogenicity See Section 11 Supplemental Health Information.
Reproductive/ Developmental
 Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Inhalable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Cyan
Scent	Odorless
Melting Point	110-150 degree (Softening point)
Specific Gravity(H ₂ O=1)	1.1-1.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.27mg/l. (This was the highest attainable concentration.)
Eye irritation	Minimal-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	None known.
Chronic Effects	None known.

Section 12. Ecological Information

Aquatic environment	LC50 is greater than 1000mg/L (fish) EC50 is greater than 1000mg/L (daphnia) EbC50 is greater than 1000mg/L (Algal) (This was the highest attainable mass.)
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information
 OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated
 Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.

CERCLA/SARA Information Not regulated
 NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.

California Proposition 65 Neither toner, or any of the components, are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.
 Workplace Hazardous Materials Information System (Canada): No toxicology information available.

Other State Regulations: Not listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information
 Label Information According to Directive 67/548 EEC & 1999/45 EC
 Symbol & Indication Not required
 Risk Phrase Not required
 Safety Advise Phrase Not required
 76/769/EEC All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.
 National requirement No specific regulations or restrictions.
 Regulation (EC) No. 1907/2006 (REACH) All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability	1
Reactivity	0
Health	0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability)	1
Yellow (Reactivity)	0
Blue (Acute Effects)	0

Abbreviation

- OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).
- ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)
- DFG-MAK stands for 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).
- NIOSH stands for National Institute for Occupational Safety and Health (USA).
- DOT stands for Department of Transportation (USA).
- NOHSC stands for National Occupational Health and Safety Commission (Australia).

References

- IARC (1996) IARC Monographs on the Evaluation of the Carcinogenic Risks of Chemicals to Humans, Vol. 65, Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds, Lyon pp. 149-261.
- H. Muhle, B. Bellmann, O. Creutzenberg, C. Dasenbrock, H. Ernst, R. Kilpper, J.C. MacKenzie, P. Morrow, U. Mohr, S. Takenaka and R. Mermelstein (1991). Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats, Fundamental and Applied Toxicology 17, pp280-299.

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Magenta Toner For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
Polyester resin					60-80
Organic pigment					<10
Wax					<10
(CAS No. 7631-86-9) Amorphous Silica					<5

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
 Chronic Effects See Section 11 Supplemental Health Information.
 Carcinogenicity See Section 11 Supplemental Health Information.
 Reproductive/ Developmental Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Magenta
Scent	Odorless
Melting Point	110-150 degree (Softening point)
Specific Gravity(H ₂ O=1)	1.1-1.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.13mg/l. (This was the highest attainable concentration.)
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	None known.
Chronic Effects	None known.

Section 12. Ecological Information

Aquatic environment	LC50 is greater than 1000mg/L (fish) EC50 is greater than 1000mg/L (daphnia) EbC50 is greater than 1000mg/L (Algal) (This was the highest attainable mass.)
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions None

International Transport Information

UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information
 OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated
 Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.
 CERCLA/SARA Information Not regulated
 NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.
 California Proposition 65 Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This products has been classified in accordance with the hazard criteria of the CPR.
 Workplace Hazardous Materials Information System (Canada): No toxicology information available.
 Other State Regulations: Not listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information
 Label Information According to Directive 67/548 EEC & 1999/45 EC
 Symbol & Indication Not required
 Risk Phrase Not required
 Safety Advise Phrase Not required
 76/769/EEC All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.
 National requirement No specific regulations or restrictions.
 Regulation (EC) No. 1907/2006 (REACH) All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability	1
Reactivity	0
Health	0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability)	1
Yellow (Reactivity)	0
Blue (Acute Effects)	0

Abbreviation

OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).
 ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)
 DFG-MAK stands for Maximale Arbeitsplatzkonzentrationen under Deutsche Forschungsgemeinschaft.
 TWA stands for Time Weighted Average.
 IARC stands for International Agency for Research on Cancer.
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References

IARC (1996) IARC Monographs on the Evaluation of the Carcinogenic Risks of Chemicals to Humans, Vol. 65, Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds, Lyon pp. 149-261.
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End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Yellow Toner For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
Polyester resin					60-80
Organic pigment					<10
Wax					<10
(CAS No. 7631-86-9) Amorphous Silica					<5

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
 Chronic Effects See Section 11 Supplemental Health Information.
 Carcinogenicity See Section 11 Supplemental Health Information.
 Reproductive/ Developmental Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Yellow
Scent	Odorless
Melting Point	110-150 degree (Softening point)
Specific Gravity(H2O=1)	1.1-1.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.30mg/l. (This was the highest attainable concentration.)
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	None known.
Chronic Effects	None known.

Section 12. Ecological Information

Aquatic environment	LC50 is greater than 1000mg/L (fish) EC50 is greater than 1000mg/L (daphnia) EbC50 is greater than 1000mg/L (Algal) (This was the highest attainable mass.)
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC	See Section 11.
US/Canada Information	
OSHA Hazard Communication Standard, 29CFR 1910.1200:	Not regulated
Toxic Substance Control Act (TSCA):	All chemical substances in this product comply with all applicable rules or orders under TSCA.
RCRA (40 CFR 261)	Product or components not listed.
CERCLA/SARA Information	Not regulated
NTP Annual Report on Carcinogens	Not listed as an NTP carcinogen.
California Proposition 65	Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.
Controlled Products Regulations (Canada):	This product has been classified in accordance with the hazard criteria of the CPR.
Workplace Hazardous Materials Information System (Canada):	No toxicology information available.
Other State Regulations:	Not listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.
US/Canada Label Statements	Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.
EU Information	
Label Information According to Directive 67/548 EEC & 1999/45 EC	
Symbol & Indication	Not required
Risk Phrase	Not required
Safety Advise Phrase	Not required
76/769/EEC	All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.
National requirement	No specific regulations or restrictions.
Regulation (EC) No. 1907/2006 (REACH)	All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability	1
Reactivity	0
Health	0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability)	1
Yellow (Reactivity)	0
Blue (Acute Effects)	0

Abbreviation

- OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).
- ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)
- DFG-MAK stands for 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).
- NIOSH stands for National Institute for Occupational Safety and Health (USA).
- DOT stands for Department of Transportation (USA).
- NOHSC stands for National Occupational Health and Safety Commission (Australia).

References

IARC (1996) IARC Monographs on the Evaluation of the Carcinogenic Risks of Chemicals to Humans, Vol. 65, Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds, Lyon pp. 149-261.
 H. Muhle, B. Bellmann, O. Creutzenberg, C. Dasenbrock, H. Ernst, R. Kilpper, J.C. MacKenzie, P. Morrow, U. Mohr, S. Takenaka and R. Mermelstein (1991). Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats, Fundamental and Applied Toxicology 17, pp280-299.

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Black Developer For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
(CAS No. 66402-68-4) Ceramic materials and wares, chemicals					>90
Polyester Resin					<10
(CAS No. 1333-86-4) Carbon Black	3.5mg/m ³	3.5mg/m ³			<1
(CAS No. 7631-86-9) Amorphous Silica					<1

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
Chronic Effects See Section 11 Supplemental Health Information.
Carcinogenicity See Section 11 Supplemental Health Information.
Reproductive/ Developmental
 Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Carbon Black	3.5mg/m ³
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Carbon Black	3.5mg/m ³
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Black
Scent	Odorless
Melting Point	No data available
Specific Gravity(H ₂ O=1)	4.5-5.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.13mg/l. (This was the highest attainable concentration.)
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	In 1996, the IARC classified carbon black as a Group 2B carcinogen (possible human carcinogen).
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. These findings are attributed to "lung overloading", a general response to excessive amounts of any dust retained in the lungs for a prolonged period.

Section 12. Ecological Information

	This material has not been tested concerning environmental effects (fish toxicity, bird toxicity, invertebrate toxicity, phyto-toxicity and environmental fate).
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information
 OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated
 Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.
 CERCLA/SARA Information Not regulated
 NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.
 California Proposition 65 Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.
 Workplace Hazardous Materials Information System (Canada): No toxicology information available.
 Other State Regulations: Carbon Black is listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information
 Label Information According to Directive 67/548 EEC & 1999/45 EC
 Symbol & Indication Not required
 Risk Phrase Not required
 Safety Advise Phrase Not required
 76/769/EEC All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.
 National requirement No specific regulations or restrictions.
 Regulation (EC) No. 1907/2006 (REACH) All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability	1
Reactivity	0
Health	0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability)	1
Yellow (Reactivity)	0
Blue (Acute Effects)	0

References

IARC (1996) IARC Monographs on the Evaluation of the Carcinogenic Risks of Chemicals to Humans, Vol. 65, Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds, Lyon pp. 149-261.
 H. Muhle, B. Bellmann, O. Creutzenberg, C. Dasenbrock, H. Ernst, R. Kilpper, J.C. MacKenzie, P. Morrow, U. Mohr, S. Takenaka and R. Mermelstein (1991). Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats, Fundamental and Applied Toxicology 17, pp280-299.

Abbreviation

OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).
 ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)
 DFG-MAK stands for 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).
 NIOSH stands for National Institute for Occupational Safety and Health (USA).
 DOT stands for Department of Transportation (USA).
 NOHSC stands for National Occupational Health and Safety Commission (Australia).

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Cyan Developer For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
(CAS No. 66402-68-4) Ceramic materials and wares, chemicals					>90
Polyester resin					<10
Organic Pigment					<1
(CAS No. 7631-86-9) Amorphous Silica					<1

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
 Chronic Effects See Section 11 Supplemental Health Information.
 Carcinogenicity See Section 11 Supplemental Health Information.
 Reproductive/ Developmental Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits

OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Cyan
Scent	Odorless
Melting Point	No data available
Specific Gravity(H ₂ O=1)	4.5-5.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.27mg/l. (This was the highest attainable concentration.)
Eye irritation	Minimal irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	None known.
Chronic Effects	None known.

Section 12. Ecological Information

	This material has not been tested concerning environmental effects (fish toxicity, bird toxicity, invertebrate toxicity, phyto-toxicity and environmental fate).
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information

OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated

Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.

CERCLA/SARA Information Not regulated

NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.

California Proposition 65 Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.

Workplace Hazardous Materials Information System (Canada): No toxicology information available.

Other State Regulations: Not listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information

Label Information According to Directive 67/548 EEC & 1999/45 EC

Symbol & Indication Not required

Risk Phrase Not required

Safety Advise Phrase Not required

76/769/EEC All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.

National requirement No specific regulations or restrictions.

Regulation (EC) No. 1907/2006 (REACH) All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability	1
Reactivity	0
Health	0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability)	1
Yellow (Reactivity)	0
Blue (Acute Effects)	0

Abbreviation

OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).

ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)

DFG-MAK stands for 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).

NIOSH stands for National Institute for Occupational Safety and Health (USA).

DOT stands for Department of Transportation (USA).

NOHSC stands for National Occupational Health and Safety Commission (Australia).

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Magenta Developer For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
(CAS No. 66402-68-4) Ceramic materials and wares, chemicals					>90
Polyester resin					<10
Organic Pigment					<1
(CAS No. 7631-86-9) Amorphous Silica					<1

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
Chronic Effects See Section 11 Supplemental Health Information.
Carcinogenicity See Section 11 Supplemental Health Information.
Reproductive/ Developmental
 Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Magenta
Scent	Odorless
Melting Point	No data available
Specific Gravity(H ₂ O=1)	4.5-5.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.13mg/l. (This was the highest attainable concentration.)
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	None known.
Chronic Effects	None known.

Section 12. Ecological Information

	This material has not been tested concerning environmental effects (fish toxicity, bird toxicity, invertebrate toxicity, phyto-toxicity and environmental fate).
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information

OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated

Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.

CERCLA/SARA Information Not regulated

NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.

California Proposition 65 Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.

Workplace Hazardous Materials Information System (Canada): No toxicology information available.

Other State Regulations: Not listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information

Label Information According to Directive 67/548 EEC & 1999/45 EC

Symbol & Indication Not required

Risk Phrase Not required

Safety Advise Phrase Not required

76/769/EEC All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.

National requirement No specific regulations or restrictions.

Regulation (EC) No. 1907/2006 (REACH) All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability 1
Reactivity 0
Health 0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability) 1
Yellow (Reactivity) 0
Blue (Acute Effects) 0

Abbreviation

OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).

ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)

DFG-MAK stands for 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).

NIOSH stands for National Institute for Occupational Safety and Health (USA).

DOT stands for Department of Transportation (USA).

NOHSC stands for National Occupational Health and Safety Commission (Australia).

Information on this data sheet represents our current data and the best opinion as to the proper use in handling of this product under normal conditions specified in our User's Manual. However, neither Kyocera Mita Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards which exist.

End of MSDS

Section 1. Chemical Product and Company Identification

Product Name **Yellow Developer For CS 550c, 650c, 750c**
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 April 27, 2010

Section 2. Composition/Information on Ingredients

(Chemical Identity, Common Name/s)	OSHA PEL SubpartZ	ACGIH TLV	IARC	NTP	Weight%
(CAS No. 66402-68-4) Ceramic materials and wares, chemicals					>90
Polyester resin					<10
Organic Pigment					<1
(CAS No. 7631-86-9) Amorphous Silica					<1

Section 3. Hazards Identification

Emergency Overview If used as intended, the product does not present acute or chronic health hazard.
Physical Hazards This product is not classified as flammable or combustible. It will burn in case of fire.
 Avoid contact with strong oxidizers such as chromate, bromate and nitrates.
Routes of Exposure Inhalation, dermal contact, incidental ingestion.
 Inhalation Excessive inhalation may cause irritation of the nose, throat and respiratory tract.
 Eye Contact Non-irritant
 Skin Contact Non-irritant, non-sensitizer.
 Ingestion Not currently known.
 Chronic Effects See Section 11 Supplemental Health Information.
 Carcinogenicity See Section 11 Supplemental Health Information.
 Reproductive/ Developmental Not identified.
Target Organs Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.
Signs and Symptoms of Exposure
 Prolonged exposure to dusts of this product may irritate the respiratory system.
Medical Conditions Aggravated by Exposure to this Product
 Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical treatment.
Skin Contact	Wash with soap and water. Wash clothing before reuse. If irritation does occur, seek medical treatment.
Ingestion	Dilute stomach contents with several glasses of water. Seek medical treatment if necessary.
Inhalation	Remove from exposure to fresh air immediately and gargle with plenty of water. Seek medical treatment if there is any difficulty in breathing or other signs of distress.

Section 5. Fire Fighting Measures

General Hazard	Product will burn in case of fire.
Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temperature	Not applicable
Flammability classification	Not applicable
Extinguishing Media	Foam, halon, carbon dioxide, dry chemical & water fog.
Unusual Fire & Explosion Hazard	Combustible powder. Dust of this product at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedures	None
Hazardous Combustion Products	Carbon monoxide, carbon dioxide and smoke.

Section 6. Accidental Release Measures

Spills or Leaks	Vacuum-clean spilled toner and carefully transfer into sealable waste container. If no vacuum-cleaner is available, sweep slowly to minimize generation of dust during clean-up. Residue can be removed with soap and cold water.
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Section 7. Handling and Storage

Handling	Avoid dust, keep away from ignition sources.
Prevention of Fire and Explosion	This material is capable of creating a dust explosion. Keep away from heat, sparks and flame.
Storage	Keep the container tightly closed and store in a cool, dry and dark place.
Hygienic Practices	Avoid inhalation and ingestion. Avoid getting in eyes, on skin or clothing. Wash hands thoroughly after handling and before eating, drinking or smoking.

Section 8. Exposure Controls/Personal Protection

Exposure Limits	
OSHA PELs (TWA) as the product	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable fraction)
Other substances	Not Listed
ACGIH TLVs (TWA) as the product	10mg/m ³ (Total dust) 3mg/m ³ (Respirable fraction)
Other substances	Not Listed
DFG-MAK (TWA) as the product	4mg/m ³ (Inhalable fraction) 1.5mg/m ³ (Respirable fraction)
All substances	Not Listed
NOHSC (TWA) All substances	Not Listed
Engineering Controls	Maintain adequate ventilation
Eye Protection	Not required under intended use.
Skin Protection	Not required under intended use.
Respiratory Protection	Not required under intended use.

Section 9. Physical and Chemical Properties

Appearance	Fine solid powder
Color	Yellow
Scent	Odorless
Melting Point	No data available
Specific Gravity(H ₂ O=1)	4.5-5.5
Vapor Pressure	Not applicable
Vapor Density (Air=1)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water	Negligible
pH Value	Not a water-based product, therefore not applicable.

Section 10. Stability and Reactivity

Stability	Stable
Incompatibility	Not identified
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute oral toxicity	LD50 is greater than 2,000mg/kg. (This was the highest attainable mass.)
Acute inhalation	LC50(4H) is in excess of 5.30mg/l. (This was the highest attainable concentration.)
Eye irritation	Non-irritant.
Skin irritation	Non-irritant.
Skin sensitization	Non-sensitizer.
Mutagenicity	Negative in the Ames Test.
Carcinogenicity	None known.
Chronic Effects	None known.

Section 12. Ecological Information

	This material has not been tested concerning environmental effects (fish toxicity, bird toxicity, invertebrate toxicity, phyto-toxicity and environmental fate).
Mobility	None known.
Persistence and degradability	None known.
Bioaccumulative potential	None known.

Section 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulation.
Empty plastic container may be recycled.

Section 14. Transport Information

Special Precautions	None
International Transport Information	
UN Classification	Not applicable.
Land DOT 49 CFR, ADR	Not classified as Dangerous Goods.
Sea IMDG Code	Not classified as Dangerous Goods.
Air ICAO-TI	Not classified as Dangerous Goods.



MATERIAL SAFETY DATA SHEET

Section 15. Regulatory Information

IARC See Section 11.

US/Canada Information
 OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated
 Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) Product or components not listed.
 CERCLA/SARA Information Not regulated
 NTP Annual Report on Carcinogens Not listed as an NTP carcinogen.
 California Proposition 65 Neither toner, or any of the components are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.
 Workplace Hazardous Materials Information System (Canada): No toxicology information available.
 Other State Regulations: Not listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List and Massachusetts Substance List.

US/Canada Label Statements Low Hazard for Recommended Handling. Minimize dust generation and accumulation. Use with adequate ventilation.

EU Information
 Label Information According to Directive 67/548 EEC & 1999/45 EC
 Symbol & Indication Not required
 Risk Phrase Not required
 Safety Advise Phrase Not required
 76/769/EEC All chemicals substances in this product comply with all applicable rules or order under 76/769/EEC.
 National requirement No specific regulations or restrictions.
 Regulation (EC) No. 1907/2006 (REACH)
 All chemicals substances in this product comply with all applicable rules or order under 1907/2006.

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.

National Fire Protection Association (NFPA) Classification: (0=insignificant, 1=slight)

Flammability 1
 Reactivity 0
 Health 0

Hazardous Materials Information Systems (HMIS) (0=insignificant, 1=slight)

Red (Flammability) 1
 Yellow (Reactivity) 0
 Blue (Acute Effects) 0

Abbreviation

OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (US).
 ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA)
 DFG-MAK stands for 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).
 NIOSH stands for National Institute for Occupational Safety and Health (USA).
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End of MSDS
