

SAFETY DATA SHEET

**Toner Powder (Cartridge)
for Afinia LT5C**

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME: Black toner powder (cartridge) for
Afinia LT5C

(Part Number: 36187)

PRODUCT DESCRIPTION: Black Toner

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

MATERIAL USES: For electrophotographic printing systems

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

MANUFACTURER: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

SUPPLIER: Afinia Label
8150 Mallory Ct, Chanhassen, MN 55317
Tel: +1 888.215.3966
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EMERGENCY TELEPHONE NUMBER: Tel. +1 888.215.3966 (Supported 09:00 to 17:00 US Time, Monday to Friday except Bank Holidays)

SECTION 2: HAZARD(S) IDENTIFICATION

PRODUCT CLASSIFICATION per 29 CFR 1910.1200

HAZARD CLASSIFICATION	This product does not satisfy any of the criteria for a hazardous material per the guidelines established by the United Nations (Globally Harmonized System of Classification and Labelling of Chemicals) as specified in 29 CFR 1910.1200 Hazard Communication (2012).
SIGNAL WORD	Not Applicable
HAZARD STATEMENTS	Not Applicable

RECOMMENDED SAFETY PRECAUTIONS

INJURY PREVENTION	Take all precautions to prevent dispersion of this product in air. Eliminate all sources of ignition. Take precautionary measures against static discharge. Good industrial hygiene practices should be followed when handling this material. Avoid contact with eyes and skin. Do not breathe dusts of this material. Wash thoroughly after handling.
EMERGENCY RESPONSE	IF IN EYES: rinse cautiously with water for 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Seek medical attention if necessary IF ON SKIN: gently wash with plenty of soap and water. Call a POISON CONTROL CENTER or doctor if symptoms develop or you feel unwell.
PRODUCT STORAGE	Protect from sun. Store in a well-ventilated room (under 40°C). Guard against accumulations of this material on surfaces.
PRODUCT DISPOSAL	Eliminate all sources of ignition. DISPOSE of product and containers in accordance with all applicable local, state, federal, and

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| international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED

PYROPHORIC GASES
SIMPLE ASPHYXIANTS
COMBUSTIBLE DUST

Not applicable
Not applicable
Product has not been tested for combustibility. However, as similar products are known to be combustible, the potential for this material to combust is a real hazard. All precautions should be taken when handling this product to avoid dispersion of the material in air.

Dust Classification	Minimum Ignition Energy (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity
Unknown (material has not been tested for combustibility)					

Definitions for dust classifications are found in OSHA Instruction CPL 03-00-008 *Combustible Dust National Emphasis Program (reissued)* March 11, 2008, Appendix E, Section 5

Other Known Hazards

| None

FOR INFORMATION REGARDING ENVIRONMENTAL GHS CLASSIFICATION, REFER TO SECTION 12 BELOW

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Substance/mixture:	Mixture		
Chemical Name	Common Name	CAS Number	Concentration (%)
Confidential	Polyester resin	Confidential	Confidential
Carbon black	Carbon black	1333-86-4	1 - 10
Confidential	Waxes	Confidential	1 - 5
Confidential	Silica	Confidential	1 - 5
Other components	-	Confidential	-

SECTION 4: FIRST-AID MEASURES

EYES

Immediately flush eyes with plenty of water for at least 15 minutes. If necessary, seek medical attention.

SKIN

For skin contact, wash immediately with soap and water. If necessary, seek medical attention.

INGESTION

If the material is swallowed, get immediate medical attention or advice.

INHALATION

Call a physician if symptoms develop or persist.

SYMPTOMS of EXPOSURE

None known.

NOTES to PHYSICIAN

Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES
HAZARDOUS PRODUCTS of COMBUSTION
PROPERTIES THAT COULD INCREASE FIRE or EXPLOSION

Refer to SECTION 9: Physical and Chemical Properties
Irritating and toxic gases or fumes may be released during a fire.

Dusts at sufficient concentrations can form explosive mixtures with air.

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HAZARD

EXTINGUISHING MEDIA

FIRE-FIGHTING INSTRUCTIONS

Water spray or powder

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA ratings are found in SECTION 16

SECTION 6: ACCIDENTAL RELEASE MEASURES

FOR ALL TRANSPORTATION ACCIDENTS, call at 1-856-235-2600.

RESPONSE TO SMALL SPILLS OF PRODUCT

SPILL CONTAINMENT

SPILL CLEANUP PROCEDURES

REQUIRED EQUIPMENT

ADDITIONAL INFORMATION

Containment of this material should not be necessary.

Vacuum up the spilled material.

Vacuum or sweep up material and place in a disposal container.

No other spill procedures necessary.

RESPONSE TO LARGE SPILLS OF PRODUCT

SPILL CONTAINMENT

SPILL CLEANUP PROCEDURES

REQUIRED EQUIPMENT

ADDITIONAL INFORMATION

Stop the flow of material if this is without risk. Contain the discharged material. Remove sources of ignition.

Avoid the generation of dusts during clean-up. Use water mist on the spilled material to wet surfaces and prevent dusting. Vacuum or sweep up material and place in a disposal container. Put material in suitable, covered, labeled containers.

Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the clean-up of this material. Wear appropriate protective equipment and clothing during clean-up.

No other spill procedures necessary.

SECTION 7: HANDLING AND STORAGE

HANDLING REQUIREMENTS

DUE TO THE POTENTIAL FOR COMBUSTIBLE DUST EXPLOSION, avoid conditions which may result in formation of a dust cloud. Implement best housekeeping practices to prevent accumulation of this product on surfaces. Do not use compressed air or nitrogen to remove material accumulations from surfaces.

Equipment used to remove accumulated product should be protected against static ignition. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid getting this material into contact with your skin and eyes. Do not breathe fumes or dust from this material. Wash thoroughly after handling.

STORAGE REQUIREMENTS

Store in a cool, dry, well-ventilated area.

This material can accumulate static charge which may cause spark and become an ignition source. Guard against dust accumulation of this material.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Prevent electrostatic charge build-up by using common bonding and grounding techniques.

PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION

Wear dust goggles.

HAND PROTECTION

Use impervious gloves.

SKIN PROTECTION

Normal work clothing (long sleeved shirts and long pants) is recommended.

RESPIRATORY PROTECTION

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

EXPOSURE LIMITS

CHEMICAL	CASRN	PERCENT	LIMITS	AGENCY
Carbon black	1333-86-4	1 - 10	3.5 mg/m ³ TWA	OSHA
Particulates not otherwise regulated	-	-	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	OSHA
Silica, amorphous Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	7631-86-9	1 - 5	20 mppcf TWA; ((80)/(% SiO ₂)) mg/m ³ TWA)	OSHA
Carbon black	1333-86-4	1 - 10	3.0 mg/m ³ TWA	ACGIH
Paraffin wax	8002-74-2	1 - 5	2 mg/m ³ TWA (fume)	ACGIH
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	-	-	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended)	ACGIH

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE @ 20°C

Black Powder

ODOR THRESHOLD

No data available

VAPOR DENSITY

No data available

EVAPORATION RATE

No data available

MELTING POINT (°C)

No data available

INITIAL BOILING POINT

No data available

(°C)
PARTITION

No data available

COEFFICIENT (N-OCTANOL/WATER)

No data available

DECOMPOSITION
TEMPERATURE

Not applicable

FLASH POINT (°C)

Not applicable

UPPER EXPLOSIVE
LIMIT

No data available

ODOR

No odor

pH

No data available

VAPOR PRESSURE

No data available

RELATIVE DENSITY

1.2g/mL @ 20°C

WATER SOLUBILITY

Insoluble in water

BOILING RANGE (°C)

No data available

VISCOSITY

No data available

FLAMMABILITY

Not evaluated

CLASSIFICATION
AUTO-IGNITION

No data available

TEMPERATURE
LOWER EXPLOSIVE

No data available

LIMIT

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SECTION 10: STABILITY and REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS to AVOID	Avoid ignition sources where dust is produced.
INCOMPATIBLE MATERIALS (Reactivity)	None known.
INCOMPATIBLE MATERIALS (Storage & Transport)	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

EYE EFFECTS	Dust or powder may irritate eye tissue.
SKIN EFFECTS	Not expected to be a primary skin irritant.
ACUTE ORAL EFFECTS (INGESTION)	Low toxicity.
ACUTE INHALATION EFFECTS	Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
TARGET ORGANS	No known effects.

CHRONIC EFFECTS

MUTAGENICITY	Ames Test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative
TERATOLOGY	No data available for this product.
REPRODUCTIVE and DEVELOPMENTAL TOXICITY	No information available.

CARCINOGENICITY

CHEMICAL NAME	DATA	AGENCY	LIST
Carbon black	Monograph 93 [2010]; Monograph 65 [1996]	IARC	Group 2B Classifiable Carcinogens
Silica, amorphous	Monograph 68 [1997]; Supplement 7 [1987]	IARC	Group 3 Not Classifiable as Carcinogens
Carbon black	Present	OSHA	Select Carcinogens
Carbon black	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	ACGIH	Threshold Limit Values – Carcinogens

None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

LETHAL DOSE (LD50 & LC50) DATA

LD50 ORAL	No information available 4% of the mixture consists of ingredients of unknown toxicity.
LD50 DERMAL	No information available 4% of the mixture consists of ingredients of unknown toxicity.
LC50 INHALATION	No information available

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**MEDICAL CONDITIONS AGGRAVATED
by EXPOSURE
ROUTES of ENTRY
OTHER TOXICOLOGICAL
INFORMATION**

Inhalation of this product may aggravate existing conditions of the respiratory system such as asthma or bronchitis
Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.
SKIN CORROSION/IRRITATION: Rabbit, undiluted, 4 hours semi-occluded application test (OECD 404): Not classified, P.C.I. =0
SERIOUS EYE DAMAGE/IRRITATION: Rabbit, undiluted, OCED405: not classified, I.A.O.I. = 0.7
SKIN SENSITIZATION: Local Lymph Node Assay (LLNA, OECD429): negative

SECTION 12: ECOLOGICAL INFORMATION

UN GHS AQUATIC TOXICITY CLASSIFICATION INFORMATION

**AQUATIC TOXICITY CLASSIFICATION
SIGNAL WORD
HAZARD PICTOGRAM
HAZARD STATEMENT
PREVENTION
RESPONSE
DISPOSAL**

Not classified as hazardous to aquatic environment
Not applicable
Not applicable
Not applicable
Not applicable
Not applicable
Not applicable

ADDITIONAL ENVIRONMENTAL INFORMATION

**AQUATIC TOXICTY (fish)
AQUATIC TOXICITY (crustacean)
AQUATIC TOXICITY (algae)
ECOTOX. INFORMATION
ENVIRONMENTAL FATE
BIOLOGICAL OXYGEN DEMAND
(BOD5), g/g
CHEMICAL OXYGEN DEMAND (COD),
g/g
PERSISTENCE & DEGRADABILITY
BIOACCUMULATION**

No information available
No information available
No information available
None determined
No data available for this product.
No data available
No data available
No information available.
No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

**GENERAL DISPOSAL
CONSIDERATIONS**

Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

DISPOSAL of EMPTY CONTAINERS

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

RCRA COMPONENT
CASRN
DATA

No limits established for this product.

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SECTION 14: TRANSPORT INFORMATION

	US DOT	IATA	IMDG
UN NUMBER	Not applicable	Not applicable	Not applicable
UN PROPER SHIPPING NAME	Non-hazardous material	Non-hazardous material	Non-hazardous material
TRANSPORT HAZARD CLASS(ES)	Not applicable	Not applicable	Not applicable
PACKING GROUP	Not applicable	Not applicable	Not applicable
REPORTABLE QUANTITY (RQ)	No reportable quantity for this product		
EMERGENCY RESPONSE GUIDEBOOK (ERG) REFERENCE	Not applicable		
MARINE POLLUTANT	None		

SECTION 15: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)	This product is listed on the U.S. EPA TSCA Inventory.
EXPORT NOTIFICATIONS	This product is not subject to TSCA 12B Export Notification requirements.
SIGNIFICANT NEW USE RULE (SNUR)	This material is not subject to a Significant New Use Rule under the US Toxic Substances Control Act.

INTERNATIONAL CHEMICAL INVENTORIES

All of the components of this product are listed on the following inventories:

DSL	Canada	No	
NDSL	Canada	No	
ENCS	Japan	Yes	
EINECS	Europe	No	
ELINCS	Europe	Yes	
IECSC	China	Yes	Simplified Notification (polymer)
PICCS	Philippines	No	
ECL	Korea	Yes	Exemption for Examination
AICS	Australia	Yes	
TCSI	Taiwan	Yes	

EMERGENCY PLANNING and COMMUNITY RIGHT TO KNOW ACT (EPCRA) 40 CFR PART 355, APPENDIX A

EHS COMPONENTS	CASRN	PERCENT	TPQ POUNDS and RQ
No limits established for this product.			
313 COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
No limits established for this product.			
CERCLA/SARA COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
No limits established for this product.			

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EPCRA SECTION 311/312 CLASSIFICATION	ACUTE	No
	CHRONIC	No
	FIRE	No
	PRESSURE	No
	REACTIVE	No

OTHER FEDERAL REGULATIONS

The following components are identified under the Clean Air Act HON-Rule for SOCM chemicals:

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act (VOCs in SOCM chemicals):

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act as Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act HON-Rule Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Water Act:

COMPONENT NAME	CASRN	LIST NAME
No limits established for this product.		

STATE RIGHT-TO-KNOW INFORMATION:

COMPONENT NAME	CASRN	STATE	List Name
Carbon black	1333-86-4	Massachusetts	Right-to-Know List
Paraffin wax	8002-74-2	Massachusetts	Right-to-Know List
Carbon black	1333-86-4	New Jersey	Special Hazardous Substance List
Carbon black	1333-86-4	New Jersey	Right-to-Know List
Paraffin wax	8002-74-2	New Jersey	Right-to-Know List
Carbon black	1333-86-4	Pennsylvania	Right-to-Know List
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Pennsylvania	Right-to-Know List
Coal soot	1333-86-4	Pennsylvania	RTK Special Hazardous Substance Name

If the STATE RIGHT-TO-KNOW INFORMATION table above is empty than none of the components of this product are included on the state right-to-know regulatory lists for Florida, Massachusetts, Michigan, Pennsylvania, or New Jersey.

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CALIFORNIA SAFE DRINKING WATER and TOXIC ENFORCEMENT ACT of 1986 (Proposition 65)

COMPONENT NAME	CASRN	CONCENTRATION ‡	LIST DATA
Carbon black	1333-86-4	1 - 10	carcinogen, 2/21/03 (airborne, unbound particles of respirable size)

‡ CONCENTRATIONS EXPRESSED IN % UNLESS UNITS ARE SPECIFIED

SECTION 16: OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility, therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

Hazardous Material Identification System (HMIS) Hazard Ratings

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	D

The following components of this product are listed on the Canadian WHMIS Ingredient Disclosure List (IDL):

COMPONENT	CASRN	PERCENT	MINIMUM CONCENTRATION
Carbon black	1333-86-4	1 - 10	1 %

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SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

Product name: Yellow toner powder (cartridge) for Afinia LT5C

(Part Number: 36166)

Product description: Yellow Toner

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

MATERIAL USES: For electrophotographic printing systems

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

MANUFACTURER: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

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EMERGENCY TELEPHONE NUMBER: Tel. +1 888.215.3966 (Supported 09:00 to 17:00 US Time, Monday to Friday except Bank Holidays)

SECTION 2: HAZARD(S) IDENTIFICATION

PRODUCT CLASSIFICATION per 29 CFR 1910.1200

HAZARD CLASSIFICATION	This product does not satisfy any of the criteria for a hazardous material per the guidelines established by the United Nations (Globally Harmonized System of Classification and Labelling of Chemicals) as specified in 29 CFR 1910.1200 Hazard Communication (2012).
SIGNAL WORD	Not Applicable
HAZARD STATEMENTS	Not Applicable

RECOMMENDED SAFETY PRECAUTIONS

INJURY PREVENTION	Take all precautions to prevent dispersion of this product in air. Eliminate all sources of ignition. Take precautionary measures against static discharge. Good industrial hygiene practices should be followed when handling this material. Avoid contact with eyes and skin. Do not breathe dusts of this material. Wash thoroughly after handling.
EMERGENCY RESPONSE	IF IN EYES: rinse cautiously with water for 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Seek medical attention if necessary IF ON SKIN: gently wash with plenty of soap and water.
PRODUCT STORAGE	Call a POISON CONTROL CENTER or doctor if symptoms develop or you feel unwell. Protect from sun. Store in a well-ventilated room (under 40°C). Guard against accumulations of this material on surfaces.
PRODUCT DISPOSAL	Eliminate all sources of ignition. DISPOSE of product and containers in accordance with all applicable local, state, federal, and international regulations.

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HAZARDS NOT OTHERWISE CLASSIFIED

PYROPHORIC GASES	Not applicable				
SIMPLE ASPHYXIANTS	Not applicable				
COMBUSTIBLE DUST	Product has not been tested for combustibility. However, as similar products are known to be combustible, the potential for this material to combust is a real hazard. All precautions should be taken when handling this product to avoid dispersion of the material in air.				
Dust Classification	Minimum Ignition Energy (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity
Unknown (material has not been tested for combustibility)					

Definitions for dust classifications are found in OSHA Instruction CPL 03-00-008 *Combustible Dust National Emphasis Program (reissued)* March 11, 2008, Appendix E, Section 5

Other Known Hazards | None

FOR INFORMATION REGARDING ENVIRONMENTAL GHS CLASSIFICATION, REFER TO SECTION 12 BELOW

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Substance/mixture:	Mixture		
Chemical Name	Common Name	CAS Number	Concentration (%)
Confidential	Polyester resin	Confidential	Confidential
Confidential	Wax	Confidential	1 - 5
Confidential	Silica	Confidential	1 - 5
Confidential	Pigment	Confidential	Confidential
Confidential	Other components	Confidential	-

SECTION 4: FIRST-AID MEASURES

EYES	Immediately flush eyes with plenty of water for at least 15 minutes. If necessary, seek medical attention.
SKIN	For skin contact, wash immediately with soap and water. If necessary, seek medical attention.
INGESTION	If the material is swallowed, get immediate medical attention or advice.
INHALATION	Call a physician if symptoms develop or persist.
SYMPTOMS of EXPOSURE	None known.
NOTES to PHYSICIAN	Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES	Refer to SECTION 9: Physical and Chemical Properties
HAZARDOUS PRODUCTS of COMBUSTION	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
PROPERTIES THAT COULD INCREASE FIRE or EXPLOSION HAZARD	Dusts at sufficient concentrations can form explosive mixtures with air.
EXTINGUISHING MEDIA	Water spray or powder

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FIRE-FIGHTING INSTRUCTIONS | Firefighters should wear full protective clothing including self-contained breathing apparatus.

NFPA ratings are found in SECTION 16

SECTION 6: ACCIDENTAL RELEASE MEASURES

FOR ALL TRANSPORTATION ACCIDENTS, call at 1-856-235-2600.

RESPONSE TO SMALL SPILLS OF PRODUCT

SPILL CONTAINMENT	Containment of this material should not be necessary.
SPILL CLEANUP PROCEDURES	Vacuum up the spilled material.
REQUIRED EQUIPMENT	Vacuum or sweep up material and place in a disposal container.
ADDITIONAL INFORMATION	No other spill procedures necessary.

RESPONSE TO LARGE SPILLS OF PRODUCT

SPILL CONTAINMENT	Stop the flow of material if this is without risk. Contain the discharged material. Remove sources of ignition.
SPILL CLEANUP PROCEDURES	Vacuum or sweep up material and place in a disposal container. Avoid the generation of dusts during clean-up. Dispose of spent absorbent in an approved industrial waste landfill.
REQUIRED EQUIPMENT	Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the clean-up of this material. Wear appropriate protective equipment and clothing during clean-up.
ADDITIONAL INFORMATION	No other spill procedures necessary.

SECTION 7: HANDLING AND STORAGE

HANDLING REQUIREMENTS	DUE TO THE POTENTIAL FOR COMBUSTIBLE DUST EXPLOSION, avoid conditions which may result in formation of a dust cloud. Implement best housekeeping practices to prevent accumulation of this product on surfaces. Do not use compressed air or nitrogen to remove material accumulations from surfaces. Equipment used to remove accumulated product should be protected against static ignition. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid getting this material into contact with your skin and eyes. Do not breathe fumes or dust from this material. Wash thoroughly after handling.
STORAGE REQUIREMENTS	Store in a cool, dry, well-ventilated area. This material can accumulate static charge which may cause spark and become an ignition source. Guard against dust accumulation of this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Prevent electrostatic charge build-up by using common bonding and grounding techniques.
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PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION	Wear dust goggles.
HAND PROTECTION	Use impervious gloves.

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**SKIN PROTECTION
RESPIRATORY PROTECTION**

Normal work clothing (long sleeved shirts and long pants) is recommended.
A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

EXPOSURE LIMITS

CHEMICAL	CASRN	PERCENT	LIMITS	AGENCY
Particulates not otherwise regulated	-	-	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	OSHA
Silica, amorphous Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	7631-86-9	1 - 5	20 mppcf TWA; ((80)/(% SiO ₂)) mg/m ³ TWA)	OSHA
Paraffin wax	8002-74-2	1 - 5	2 mg/m ³ TWA (fume)	ACGIH
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	-	-	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended)	ACGIH

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE @ 20°C	Yellow powder	ODOR	No odor
ODOR THRESHOLD	No data available	pH	No data available
VAPOR DENSITY	No data available	VAPOR PRESSURE	No data available
EVAPORATION RATE	No data available	RELATIVE DENSITY	1.2g/mL @ 20°C
MELTING POINT (°C)	No data available	WATER SOLUBILITY	Insoluble in water
INITIAL BOILING POINT (°C)	No data available	BOILING RANGE (°C)	No data available
PARTITION COEFFICIENT (N-OCTANOL/WATER)	No data available	VISCOSITY	No data available
DECOMPOSITION TEMPERATURE	No data available	FLAMMABILITY CLASSIFICATION	Not evaluated
FLASH POINT (°C)	Not applicable	AUTO-IGNITION TEMPERATURE	No data available
UPPER EXPLOSIVE LIMIT	No data available	LOWER EXPLOSIVE LIMIT	No data available

SECTION 10: STABILITY and REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS to AVOID	Avoid ignition sources where dust is produced.
INCOMPATIBLE MATERIALS (Reactivity)	None known.
INCOMPATIBLE MATERIALS (Storage & Transport)	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

EYE EFFECTS	Dust or powder may irritate eye tissue.
SKIN EFFECTS	Not expected to be a primary skin irritant.
ACUTE ORAL EFFECTS (INGESTION)	Not a likely route of entry.
ACUTE INHALATION EFFECTS	Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
TARGET ORGANS	No known effects.

CHRONIC EFFECTS

MUTAGENICITY	Ames Test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative
TERATOLOGY	No data available for this product.
REPRODUCTIVE and DEVELOPMENTAL TOXICITY	No information available.

CARCINOGENICITY

CHEMICAL NAME	DATA	AGENCY	LIST
Silica, amorphous	Monograph 68 [1997]; Supplement 7 [1987]	IARC	Group 3 Not Classifiable as Carcinogens

None of the components of this product are listed on the OSHA Possible or Select Carcinogens Lists.

None of the components of this product are listed on the ACGIH Carcinogens List.

None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

LETHAL DOSE (LD50 & LC50) DATA

LD50 ORAL	No information available
LD50 DERMAL	11% of the mixture consists of ingredients of unknown toxicity.
LC50 INHALATION	No information available

MEDICAL CONDITIONS AGGRAVATED by EXPOSURE	Inhalation of this product may aggravate existing conditions of the respiratory system such as asthma or bronchitis
ROUTES of ENTRY	Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.
OTHER TOXICOLOGICAL INFORMATION	SKIN CORROSION/IRRITATION: Rabbit, undiluted, 4 hours semi-occluded application test (OECD 404): Not classified, P.C.I. =0 SERIOUS EYE DAMAGE/IRRITATION: Rabbit, undiluted, OECD405: not classified, I.A.O.I. = 2.0 SKIN SENSITIZATION: Local Lymph Node Assay (LLNA, OECD429): negative

SECTION 12: ECOLOGICAL INFORMATION

UN GHS AQUATIC TOXICITY CLASSIFICATION INFORMATION

AQUATIC TOXICITY CLASSIFICATION	Not classified as hazardous to aquatic environment
SIGNAL WORD	Not applicable
HAZARD PICTOGRAM	Not applicable

SAFETY DATA SHEET

HAZARD STATEMENT	Not applicable
PREVENTION	Not applicable
RESPONSE	Not applicable
DISPOSAL	Not applicable

ADDITIONAL ENVIRONMENTAL INFORMATION

AQUATIC TOXICTY (fish)	No information available
AQUATIC TOXICITY (crustacean)	48 hr EC50 daphnia magna > 100 mg/L (data on similar product)
AQUATIC TOXICITY (algae)	No information available
ECOTOX. INFORMATION	None determined
ENVIRONMENTAL FATE	No data available for this product.
BIOLOGICAL OXYGEN DEMAND (BOD5), g/g	No data available
CHEMICAL OXYGEN DEMAND (COD), g/g	No data available
PERSISTENCE & DEGRADABILITY	No information available.
BIOACCUMULATION	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION	Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.
GENERAL DISPOSAL CONSIDERATIONS	Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.
DISPOSAL of EMPTY CONTAINERS	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

RCRA COMPONENT	CASRN	DATA
No limits established for this product.		

SECTION 14: TRANSPORT INFORMATION

	US DOT	IATA	IMDG
UN NUMBER	Not applicable	Not applicable	Not applicable
UN PROPER SHIPPING NAME	Non-hazardous material	Non-hazardous material	Non-hazardous material
TRANSPORT HAZARD CLASS(ES)	Not applicable	Not applicable	Not applicable
PACKING GROUP	Not applicable	Not applicable	Not applicable
REPORTABLE QUANTITY (RQ)	No reportable quantity for this product		
EMERGENCY RESPONSE GUIDEBOOK (ERG) REFERENCE	Not applicable		
MARINE POLLUTANT	None		

SAFETY DATA SHEET

SECTION 15: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) EXPORT NOTIFICATIONS SIGNIFICANT NEW USE RULE (SNUR)

This product is listed on the U.S. EPA TSCA Inventory.

This product is not subject to TSCA 12B Export Notification requirements.

This material is not subject to a Significant New Use Rule under the US Toxic Substances Control Act.

INTERNATIONAL CHEMICAL INVENTORIES

All of the components of this product are listed on the following inventories:

DSL	Canada	No	
NDSL	Canada	No	
ENCS	Japan	Yes	
EINECS	Europe	No	
ELINCS	Europe	Yes	
IECSC	China	Yes	Simplified Notification (polymer)
PICCS	Philippines	No	
ECL	Korea	Yes	Exemption for Examination
AICS	Australia	Yes	
TCSI	Taiwan	Yes	

EMERGENCY PLANNING and COMMUNITY RIGHT TO KNOW ACT (EPCRA) 40 CFR PART 355, APPENDIX A

EHS COMPONENTS	CASRN	PERCENT	TPQ POUNDS and RQ
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No limits established for this product.

313 COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

CERCLA/SARA COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

EPCRA SECTION 311/312 CLASSIFICATION	ACUTE	No
	CHRONIC	No
	FIRE	No
	PRESSURE	No
	REACTIVE	No

OTHER FEDERAL REGULATIONS

The following components are identified under the Clean Air Act HON-Rule for SOCM1 chemicals:

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act (VOCs in SOCM1 chemicals):

COMPONENT NAME	CASRN
No regulated components	

SAFETY DATA SHEET

The following components are identified under the Clean Air Act as Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act HON-Rule Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Water Act:

COMPONENT NAME	CASRN	LIST NAME
No limits established for this product.		

STATE RIGHT-TO-KNOW INFORMATION:

COMPONENT NAME	CASRN	STATE	List Name
Paraffin wax	8002-74-2	Massachusetts	Right-to-Know List
Paraffin wax	8002-74-2	New Jersey	Right-to-Know List
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Pennsylvania	Right-to-Know List

If the STATE RIGHT-TO-KNOW INFORMATION table above is empty than none of the components of this product are included on the state right-to-know regulatory lists for Florida, Massachusetts, Michigan, Pennsylvania, or New Jersey.

CALIFORNIA SAFE DRINKING WATER and TOXIC ENFORCEMENT ACT of 1986 (Proposition 65)

COMPONENT NAME	CASRN	CONCENTRATION ‡	LIST DATA
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This product contains no components which are listed on California's Proposition 65 lists.

‡ CONCENTRATIONS EXPRESSED IN % UNLESS UNITS ARE SPECIFIED

SECTION 16: OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility, therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

SAFETY DATA SHEET

Hazardous Material Identification System (HMIS) Hazard Ratings

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	D

The following components of this product are listed on the Canadian WHMIS Ingredient Disclosure List (IDL):

COMPONENT	CASRN	PERCENT	MINIMUM CONCENTRATION
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No regulatory limits established for this product.

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

Product name: Magenta toner powder (cartridge) for Afinia LT5C

(Part Number: 36173)

Product description: Magenta Toner

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

MATERIAL USES: For electrophotographic printing systems

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

MANUFACTURER: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

SUPPLIER: Afinia Label
8150 Mallory Ct, Chanhassen, MN 55317
Tel: +1 888.215.3966
e-mail: sales@afinia.com

EMERGENCY TELEPHONE NUMBER: Tel. +1 888.215.3966 (Supported 09:00 to 17:00 US Time, Monday to Friday except Bank Holidays)

SECTION 2: HAZARD(S) IDENTIFICATION

PRODUCT CLASSIFICATION per 29 CFR 1910.1200

HAZARD CLASSIFICATION	This product does not satisfy any of the criteria for a hazardous material per the guidelines established by the United Nations (Globally Harmonized System of Classification and Labelling of Chemicals) as specified in 29 CFR 1910.1200 Hazard Communication (2012).
SIGNAL WORD	Not Applicable
HAZARD STATEMENTS	Not Applicable

RECOMMENDED SAFETY PRECAUTIONS

INJURY PREVENTION	Take all precautions to prevent dispersion of this product in air. Eliminate all sources of ignition. Take precautionary measures against static discharge. Good industrial hygiene practices should be followed when handling this material. Avoid contact with eyes and skin. Do not breathe dusts of this material. Wash thoroughly after handling.
EMERGENCY RESPONSE	IF IN EYES: rinse cautiously with water for 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Seek medical attention if necessary IF ON SKIN: gently wash with plenty of soap and water. Call a POISON CONTROL CENTER or doctor if symptoms develop or you feel unwell.
PRODUCT STORAGE	Protect from sun. Store in a well-ventilated room (under 40°C). Guard against accumulations of this material on surfaces.
PRODUCT DISPOSAL	Eliminate all sources of ignition. DISPOSE of product and containers in accordance with all applicable local, state, federal, and international regulations.

SAFETY DATA SHEET

HAZARDS NOT OTHERWISE CLASSIFIED

PYROPHORIC GASES
SIMPLE ASPHYXIANTS
COMBUSTIBLE DUST

Not applicable
 Not applicable
 Product has not been tested for combustibility. However, as similar products are known to be combustible, the potential for this material to combust is a real hazard. All precautions should be taken when handling this product to avoid dispersion of the material in air.

Dust Classification	Minimum Ignition Energy (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity
Unknown (material has not been tested for combustibility)					

Definitions for dust classifications are found in OSHA Instruction CPL 03-00-008 *Combustible Dust National Emphasis Program (reissued)* March 11, 2008, Appendix E, Section 5

Other Known Hazards | None

FOR INFORMATION REGARDING ENVIRONMENTAL GHS CLASSIFICATION, REFER TO SECTION 12 BELOW

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Substance/mixture:	Mixture		
Chemical Name	Common Name	CAS Number	Concentration (%)
Confidential	Polyester resin	Confidential	Confidential
Confidential	Pigment	Confidential	Confidential
Confidential	Wax	Confidential	1 - 5
Confidential	SILICA	Confidential	1 - 5
Other components	-	Confidential	-

SECTION 4: FIRST-AID MEASURES

EYES | Immediately flush eyes with plenty of water for at least 15 minutes. If necessary, seek medical attention.

SKIN | For skin contact, wash immediately with soap and water. If necessary, seek medical attention.

INGESTION | If the material is swallowed, get immediate medical attention or advice.

INHALATION | Call a physician if symptoms develop or persist.

SYMPTOMS of EXPOSURE | None known.

NOTES to PHYSICIAN | Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES | Refer to SECTION 9: Physical and Chemical Properties

HAZARDOUS PRODUCTS of COMBUSTION | Irritating and toxic gases or fumes may be released during a fire.

PROPERTIES THAT COULD INCREASE FIRE or EXPLOSION HAZARD | Dusts at sufficient concentrations can form explosive mixtures with air.

EXTINGUISHING MEDIA | Water spray or powder

FIRE-FIGHTING INSTRUCTIONS | Firefighters should wear full protective clothing including self-contained breathing apparatus.

SAFETY DATA SHEET

NFPA ratings are found in SECTION 16

SECTION 6: ACCIDENTAL RELEASE MEASURES

FOR ALL TRANSPORTATION ACCIDENTS, call at 1-856-235-2600.

RESPONSE TO SMALL SPILLS OF PRODUCT

SPILL CONTAINMENT	Containment of this material should not be necessary.
SPILL CLEANUP PROCEDURES	Vacuum up the spilled material.
REQUIRED EQUIPMENT	Vacuum or sweep up material and place in a disposal container.
ADDITIONAL INFORMATION	No other spill procedures necessary.

RESPONSE TO LARGE SPILLS OF PRODUCT

SPILL CONTAINMENT	Stop the flow of material, if this is without risk. Contain the discharged material. Remove sources of ignition.
SPILL CLEANUP PROCEDURES	Avoid the generation of dusts during clean-up. Use water mist on the spilled material to wet surfaces and prevent dusting. Vacuum or sweep up material and place in a disposal container. Put material in suitable, covered, labelled containers.
REQUIRED EQUIPMENT	Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the clean-up of this material. Wear appropriate protective equipment and clothing during clean-up.
ADDITIONAL INFORMATION	No other spill procedures necessary.

SECTION 7: HANDLING AND STORAGE

HANDLING REQUIREMENTS	DUE TO THE POTENTIAL FOR COMBUSTIBLE DUST EXPLOSION, avoid conditions which may result in formation of a dust cloud. Implement best housekeeping practices to prevent accumulation of this product on surfaces. Do not use compressed air or nitrogen to remove material accumulations from surfaces. Equipment used to remove accumulated product should be protected against static ignition. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid getting this material into contact with your skin and eyes. Do not breathe fumes or dust from this material. Wash thoroughly after handling.
STORAGE REQUIREMENTS	Store in a cool, dry, well-ventilated area. This material can accumulate static charge which may cause spark and become an ignition source. Guard against dust accumulation of this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Prevent electrostatic charge build-up by using common bonding and grounding techniques.
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PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION	Wear dust goggles.
HAND PROTECTION	Use impervious gloves.

SAFETY DATA SHEET

SKIN PROTECTION RESPIRATORY PROTECTION

Normal work clothing (long sleeved shirts and long pants) is recommended.
A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

EXPOSURE LIMITS

CHEMICAL	CASRN	PERCENT	LIMITS	AGENCY
Particulates not otherwise regulated	-	-	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	OSHA
Paraffin wax	8002-74-2	1 - 5	2 mg/m ³ TWA (fume)	ACGIH
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	-	-	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended)	ACGIH

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE @ 20°C	Magenta powder	ODOR	No odor
ODOR THRESHOLD	No data available	pH	No data available
VAPOR DENSITY	No data available	VAPOR PRESSURE	No data available
EVAPORATION RATE	No data available	RELATIVE DENSITY	1.2g/mL @ 20°C
MELTING POINT (°C)	No data available	WATER SOLUBILITY	Insoluble in water
INITIAL BOILING POINT (°C)	No data available	BOILING RANGE (°C)	No data available
PARTITION COEFFICIENT (N-OCTANOL/WATER)	No data available	VISCOSITY	No data available
DECOMPOSITION TEMPERATURE	No data available	FLAMMABILITY CLASSIFICATION	Not evaluated
FLASH POINT (°C)	Not applicable	AUTO-IGNITION TEMPERATURE	No data available
UPPER EXPLOSIVE LIMIT	No data available	LOWER EXPLOSIVE LIMIT	No data available

SECTION 10: STABILITY and REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS to AVOID	Avoid ignition sources where dust is produced.
INCOMPATIBLE MATERIALS (Reactivity)	None known.
INCOMPATIBLE MATERIALS (Storage & Transport)	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

SAFETY DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

EYE EFFECTS	Dust or powder may irritate eye tissue.
SKIN EFFECTS	Not expected to be a primary skin irritant.
ACUTE ORAL EFFECTS (INGESTION)	Not a likely route of entry.
ACUTE INHALATION EFFECTS	Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
TARGET ORGANS	No known effects.

CHRONIC EFFECTS

MUTAGENICITY	Ames Test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative
TERATOLOGY	No data available for this product.
REPRODUCTIVE and DEVELOPMENTAL TOXICITY	No information available.

CARCINOGENICITY

CHEMICAL NAME	DATA	AGENCY	LIST
Silica, amorphous	Monograph 68 [1997]; Supplement 7 [1987]	IARC	Group 3 Not Classifiable as Carcinogens

None of the components of this product are listed on the OSHA Possible or Select Carcinogens Lists.

None of the components of this product are listed on the ACGIH Carcinogens List.

None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

LETHAL DOSE (LD50 & LC50) DATA

LD50 ORAL	No information available 4% of the mixture consists of ingredients of unknown toxicity.
LD50 DERMAL	No information available 4% of the mixture consists of ingredients of unknown toxicity.
LC50 INHALATION	No information available

MEDICAL CONDITIONS AGGRAVATED by EXPOSURE	Inhalation of this product may aggravate existing conditions of the respiratory system such as asthma or bronchitis
ROUTES of ENTRY	Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.
OTHER TOXICOLOGICAL INFORMATION	SKIN CORROSION/IRRITATION: Rabbit, undiluted, 4 hours semi-occluded application test (OECD 404): Not classified, P.C.I. =0 SERIOUS EYE DAMAGE/IRRITATION: Rabbit, undiluted, OCED405: not classified, I.A.O.I. = 0.0 SKIN SENSITIZATION: Local Lymph Node Assay (LLNA, OECD429): negative

SECTION 12: ECOLOGICAL INFORMATION

UN GHS AQUATIC TOXICITY CLASSIFICATION INFORMATION

AQUATIC TOXICITY CLASSIFICATION	Not classified as hazardous to aquatic environment
SIGNAL WORD	Not applicable
HAZARD PICTOGRAM	Not applicable
HAZARD STATEMENT	Not applicable
PREVENTION	Not applicable
RESPONSE	Not applicable
DISPOSAL	Not applicable

SAFETY DATA SHEET

ADDITIONAL ENVIRONMENTAL INFORMATION

AQUATIC TOXICITY (fish)	No information available
AQUATIC TOXICITY (crustacean)	48 hr EC50 daphnia magna > 100 mg/L (data on similar product)
AQUATIC TOXICITY (algae)	No information available
ECOTOX. INFORMATION	None determined
ENVIRONMENTAL FATE	No data available for this product.
BIOLOGICAL OXYGEN DEMAND (BOD5), g/g	No data available
CHEMICAL OXYGEN DEMAND (COD), g/g	No data available
PERSISTENCE & DEGRADABILITY	No information available.
BIOACCUMULATION	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION	Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.
GENERAL DISPOSAL CONSIDERATIONS	Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.
DISPOSAL of EMPTY CONTAINERS	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

RCRA COMPONENT	CASRN	DATA
No limits established for this product.		

SECTION 14: TRANSPORT INFORMATION

	US DOT	IATA	IMDG
UN NUMBER	Not applicable	Not applicable	Not applicable
UN PROPER SHIPPING NAME	Non-hazardous material	Non-hazardous material	Non-hazardous material
TRANSPORT HAZARD CLASS(ES)	Not applicable	Not applicable	Not applicable
PACKING GROUP	Not applicable	Not applicable	Not applicable
REPORTABLE QUANTITY (RQ)	No reportable quantity for this product		
EMERGENCY RESPONSE GUIDEBOOK (ERG) REFERENCE	Not applicable		
MARINE POLLUTANT	None		

SECTION 15: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)	This product is listed on the U.S. EPA TSCA Inventory.
EXPORT NOTIFICATIONS	This product is not subject to TSCA 12B Export Notification requirements.
SIGNIFICANT NEW USE RULE (SNUR)	This material is not subject to a Significant New Use Rule under the US Toxic Substances Control Act.

SAFETY DATA SHEET

INTERNATIONAL CHEMICAL INVENTORIES

All of the components of this product are listed on the following inventories:

DSL	Canada	No	
NDSL	Canada	No	
ENCS	Japan	Yes	
EINECS	Europe	No	
ELINCS	Europe	Yes	
IECSC	China	Yes	Simplified Notification (polymer)
PICCS	Philippines	No	
ECL	Korea	Yes	Exemption for Examination
AICS	Australia	Yes	
TCSI	Taiwan	Yes	

EMERGENCY PLANNING and COMMUNITY RIGHT TO KNOW ACT (EPCRA) 40 CFR PART 355, APPENDIX A

EHS COMPONENTS	CASRN	PERCENT	TPQ POUNDS and RQ
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No limits established for this product.

313 COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

CERCLA/SARA COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
------------------------	-------	---------	-----------------

No limits established for this product.

EPCRA SECTION 311/312 CLASSIFICATION	ACUTE	No
	CHRONIC	No
	FIRE	No
	PRESSURE	No
	REACTIVE	No

OTHER FEDERAL REGULATIONS

The following components are identified under the Clean Air Act HON-Rule for SOCM chemicals:

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act (VOCs in SOCM chemicals):

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act as Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act HON-Rule Hazardous Air Pollutants (HAP)

SAFETY DATA SHEET

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Water Act:

COMPONENT NAME	CASRN	LIST NAME
No limits established for this product.		

STATE RIGHT-TO-KNOW INFORMATION:

COMPONENT NAME	CASRN	STATE	List Name
Paraffin wax	8002-74-2	Massachusetts	Right-to-Know List
Paraffin wax	8002-74-2	New Jersey	Right-to-Know List
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Pennsylvania	Right-to-Know List

If the STATE RIGHT-TO-KNOW INFORMATION table above is empty than none of the components of this product are included on the state right-to-know regulatory lists for Florida, Massachusetts, Michigan, Pennsylvania, or New Jersey.

CALIFORNIA SAFE DRINKING WATER and TOXIC ENFORCEMENT ACT of 1986 (Proposition 65)

COMPONENT NAME	CASRN	CONCENTRATION †	LIST DATA
This product contains no components which are listed on California's Proposition 65 lists.			

† CONCENTRATIONS EXPRESSED IN % UNLESS UNITS ARE SPECIFIED

SAFETY DATA SHEET

SECTION 16: OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility, therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

Hazardous Material Identification System (HMIS) Hazard Ratings

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	D

The following components of this product are listed on the Canadian WHMIS Ingredient Disclosure List (IDL):

COMPONENT	CASRN	PERCENT	MINIMUM CONCENTRATION
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No regulatory limits established for this product.

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

Product name: Cyan toner powder (cartridge) for
Afinia LT5C

(Part Number: 36180)

Product description: Cyan Toner

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

MATERIAL USES: For electrophotographic printing systems

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

MANUFACTURER: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

SUPPLIER: Afinia Label
8150 Mallory Ct, Chanhassen, MN 55317
Tel: +1 888.215.3966
e-mail: sales@afinia.com

EMERGENCY TELEPHONE NUMBER: Tel. +1 888.215.3966 (Supported 09:00 to 17:00 US Time, Monday to Friday
except Bank Holidays)

SECTION 2: HAZARD(S) IDENTIFICATION

PRODUCT CLASSIFICATION per 29 CFR 1910.1200

HAZARD CLASSIFICATION	This product does not satisfy any of the criteria for a hazardous material per the guidelines established by the United Nations (Globally Harmonized System of Classification and Labelling of Chemicals) as specified in 29 CFR 1910.1200 Hazard Communication (2012).
SIGNAL WORD	Not Applicable
HAZARD STATEMENTS	Not Applicable

RECOMMENDED SAFETY PRECAUTIONS

INJURY PREVENTION	Take all precautions to prevent dispersion of this product in air. Eliminate all sources of ignition. Take precautionary measures against static discharge. Good industrial hygiene practices should be followed when handling this material. Avoid contact with eyes and skin. Do not breathe dusts of this material. Wash thoroughly after handling.
EMERGENCY RESPONSE	IF IN EYES: rinse cautiously with water for 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Seek medical attention if necessary IF ON SKIN: gently wash with plenty of soap and water.
PRODUCT STORAGE	Call a POISON CONTROL CENTER or doctor if symptoms develop or you feel unwell. Protect from sun. Store in a well-ventilated room (under 40°C). Guard against accumulations of this material on surfaces.
PRODUCT DISPOSAL	Eliminate all sources of ignition. DISPOSE of product and containers in accordance with all applicable local, state, federal, and international regulations.

SAFETY DATA SHEET

HAZARDS NOT OTHERWISE CLASSIFIED

PYROPHORIC GASES
SIMPLE ASPHYXIANTS
COMBUSTIBLE DUST

Not applicable
Not applicable
Product has not been tested for combustibility. However, as similar products are known to be combustible, the potential for this material to combust is a real hazard. All precautions should be taken when handling this product to avoid dispersion of the material in air.

Dust Classification	Minimum Ignition Energy (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity
Unknown (material has not been tested for combustibility)					

Definitions for dust classifications are found in OSHA Instruction CPL 03-00-008 *Combustible Dust National Emphasis Program (reissued)* March 11, 2008, Appendix E, Section 5

Other Known Hazards | None

FOR INFORMATION REGARDING ENVIRONMENTAL GHS CLASSIFICATION, REFER TO SECTION 12 BELOW

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Substance/mixture:	Mixture		
Chemical Name	Common Name	CAS Number	Concentration (%)
Confidential	Polyester resin	Confidential	Confidential
Confidential	Waxes	Confidential	1 - 5
Confidential	Silica	Confidential	1 - 5
Confidential	Pigment	Confidential	Confidential
Confidential	Other components	Confidential	-

SECTION 4: FIRST-AID MEASURES

EYES | Immediately flush eyes with plenty of water for at least 15 minutes. If necessary, seek medical attention.

SKIN | For skin contact, wash immediately with soap and water. If necessary, seek medical attention.

INGESTION | If the material is swallowed, get immediate medical attention or advice.

INHALATION | Call a physician if symptoms develop or persist.

SYMPTOMS of EXPOSURE | None known.

NOTES to PHYSICIAN | Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES | Refer to SECTION 9: Physical and Chemical Properties

HAZARDOUS PRODUCTS of COMBUSTION | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

PROPERTIES THAT COULD INCREASE FIRE or EXPLOSION HAZARD | Dusts at sufficient concentrations can form explosive mixtures with air.

EXTINGUISHING MEDIA | Water spray or powder

SAFETY DATA SHEET

FIRE-FIGHTING INSTRUCTIONS | Firefighters should wear full protective clothing including self-contained breathing apparatus.

NFPA ratings are found in SECTION 16

SECTION 6: ACCIDENTAL RELEASE MEASURES

FOR ALL TRANSPORTATION ACCIDENTS, call at 1-856-235-2600.

RESPONSE TO SMALL SPILLS OF PRODUCT

SPILL CONTAINMENT	Containment of this material should not be necessary.
SPILL CLEANUP PROCEDURES	Vacuum up the spilled material.
REQUIRED EQUIPMENT	Vacuum or sweep up material and place in a disposal container.
ADDITIONAL INFORMATION	No other spill procedures necessary.

RESPONSE TO LARGE SPILLS OF PRODUCT

SPILL CONTAINMENT	Stop the flow of material if this is without risk. Contain the discharged material. Remove sources of ignition.
SPILL CLEANUP PROCEDURES	Vacuum or sweep up material and place in a disposal container. Avoid the generation of dusts during clean-up. Dispose of spent absorbent in an approved industrial waste landfill.
REQUIRED EQUIPMENT	Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the clean-up of this material. Wear appropriate protective equipment and clothing during clean-up.
ADDITIONAL INFORMATION	No other spill procedures necessary.

SECTION 7: HANDLING AND STORAGE

HANDLING REQUIREMENTS	DUE TO THE POTENTIAL FOR COMBUSTIBLE DUST EXPLOSION, avoid conditions which may result in formation of a dust cloud. Implement best housekeeping practices to prevent accumulation of this product on surfaces. Do not use compressed air or nitrogen to remove material accumulations from surfaces. Equipment used to remove accumulated product should be protected against static ignition. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid getting this material into contact with your skin and eyes. Do not breathe fumes or dust from this material. Wash thoroughly after handling.
STORAGE REQUIREMENTS	Store in a cool, dry, well-ventilated area. This material can accumulate static charge which may cause spark and become an ignition source. Guard against dust accumulation of this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Prevent electrostatic charge build-up by using common bonding and grounding techniques.
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PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION	Wear dust goggles.
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SAFETY DATA SHEET

HAND PROTECTION
SKIN PROTECTION
RESPIRATORY PROTECTION

Use impervious gloves.
Normal work clothing (long sleeved shirts and long pants) is recommended.
A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

EXPOSURE LIMITS

CHEMICAL	CASRN	PERCENT	LIMITS	AGENCY
Particulates not otherwise regulated	-	-	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	OSHA
Silica, amorphous Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	7631-86-9	1 - 5	20 mppcf TWA; ((80)/(% SiO ₂) mg/m ³ TWA)	OSHA
Paraffin wax	8002-74-2	1 - 5	2 mg/m ³ TWA (fume)	ACGIH
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	-	-	10 mg/m ³ TWA (inhalable particles, recommended); 3 mg/m ³ TWA (respirable particles, recommended)	ACGIH

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE @ 20°C	Cyan powder	ODOR	No odor
ODOR THRESHOLD	No data available	pH	No data available
VAPOR DENSITY	No data available	VAPOR PRESSURE	No data available
EVAPORATION RATE	No data available	RELATIVE DENSITY	1.2g/mL @ 20°C
MELTING POINT (°C)	No data available	WATER SOLUBILITY	Insoluble in water
INITIAL BOILING POINT (°C)	No data available	BOILING RANGE (°C)	No data available
PARTITION COEFFICIENT (N-OCTANOL/WATER)	No data available	VISCOSITY	No data available
DECOMPOSITION TEMPERATURE	No data available	FLAMMABILITY CLASSIFICATION	Not evaluated
FLASH POINT (°C)	Not applicable	AUTO-IGNITION TEMPERATURE	No data available
UPPER EXPLOSIVE LIMIT	No data available	LOWER EXPLOSIVE LIMIT	No data available

SECTION 10: STABILITY and REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS to AVOID	Avoid ignition sources where dust is produced.
INCOMPATIBLE MATERIALS (Reactivity)	None known.
INCOMPATIBLE MATERIALS (Storage & Transport)	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

SAFETY DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

EYE EFFECTS	Dust or powder may irritate eye tissue.
SKIN EFFECTS	Not expected to be a primary skin irritant.
ACUTE ORAL EFFECTS (INGESTION)	Not a likely route of entry.
ACUTE INHALATION EFFECTS	Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
TARGET ORGANS	No known effects.

CHRONIC EFFECTS

MUTAGENICITY	Ames Test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative
TERATOLOGY	No data available for this product.
REPRODUCTIVE and DEVELOPMENTAL TOXICITY	No information available.

CARCINOGENICITY

CHEMICAL NAME	DATA	AGENCY	LIST
Silica, amorphous	Monograph 68 [1997]; Supplement 7 [1987]	IARC	Group 3 Not Classifiable as Carcinogens

None of the components of this product are listed on the OSHA Possible or Select Carcinogens Lists.

None of the components of this product are listed on the ACGIH Carcinogens List.

None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

LETHAL DOSE (LD50 & LC50) DATA

LD50 ORAL	LD50 Oral Rat > 2000 mg/kg
LD50 DERMAL	No information available
	6% of the mixture consists of ingredients of unknown toxicity.
LC50 INHALATION	LC50 Inhalation Rat > 4.97 mg/L/4 (nose only)

MEDICAL CONDITIONS AGGRAVATED by EXPOSURE	Inhalation of this product may aggravate existing conditions of the respiratory system such as asthma or bronchitis
ROUTES of ENTRY	Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.
OTHER TOXICOLOGICAL INFORMATION	SKIN CORROSION/IRRITATION: Rabbit, undiluted, 4 hours semi-occluded application test (OECD 404): Not classified, P.C.I. = 0 SERIOUS EYE DAMAGE/IRRITATION: Rabbit, undiluted, OECD405: not classified, I.A.O.I. = 0.7 SKIN SENSITIZATION: Local Lymph Node Assay (LLNA, OECD429): negative

SECTION 12: ECOLOGICAL INFORMATION

UN GHS AQUATIC TOXICITY CLASSIFICATION INFORMATION

AQUATIC TOXICITY CLASSIFICATION	Not classified as hazardous to aquatic environment
SIGNAL WORD	Not applicable
HAZARD PICTOGRAM	Not applicable
HAZARD STATEMENT	Not applicable
PREVENTION	Not applicable
RESPONSE	Not applicable
DISPOSAL	Not applicable

SAFETY DATA SHEET

ADDITIONAL ENVIRONMENTAL INFORMATION

AQUATIC TOXICITY (fish)	No information available
AQUATIC TOXICITY (crustacean)	48 hr EC50 daphnia magna > 100 mg/L (data on similar product)
AQUATIC TOXICITY (algae)	No information available
ECOTOX. INFORMATION	None determined
ENVIRONMENTAL FATE	No data available for this product.
BIOLOGICAL OXYGEN DEMAND (BOD5), g/g	No data available
CHEMICAL OXYGEN DEMAND (COD), g/g	No data available
PERSISTENCE & DEGRADABILITY	No information available.
BIOACCUMULATION	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION	Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.
GENERAL DISPOSAL CONSIDERATIONS	Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.
DISPOSAL of EMPTY CONTAINERS	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

RCRA COMPONENT	CASRN	DATA
No limits established for this product.		

SECTION 14: TRANSPORT INFORMATION

	US DOT	IATA	IMDG
UN NUMBER	Not applicable	Not applicable	Not applicable
UN PROPER SHIPPING NAME	Non-hazardous material	Non-hazardous material	Non-hazardous material
TRANSPORT HAZARD CLASS(ES)	Not applicable	Not applicable	Not applicable
PACKING GROUP	Not applicable	Not applicable	Not applicable
REPORTABLE QUANTITY (RQ)	No reportable quantity for this product		
EMERGENCY RESPONSE GUIDEBOOK (ERG) REFERENCE	Not applicable		
MARINE POLLUTANT	None		

SECTION 15: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)	This product is listed on the U.S. EPA TSCA Inventory.
EXPORT NOTIFICATIONS	This product is not subject to TSCA 12B Export Notification requirements.
SIGNIFICANT NEW USE RULE (SNUR)	This material is not subject to a Significant New Use Rule under the US Toxic Substances Control Act.

SAFETY DATA SHEET

INTERNATIONAL CHEMICAL INVENTORIES

All of the components of this product are listed on the following inventories:

DSL	Canada	No	
NDSL	Canada	No	
ENCS	Japan	Yes	
EINECS	Europe	No	
ELINCS	Europe	Yes	
IECSC	China	Yes	Simplified Notification (polymer)
PICCS	Philippines	No	
ECL	Korea	Yes	Exemption for Examination
AICS	Australia	Yes	
TCSI	Taiwan	Yes	

EMERGENCY PLANNING and COMMUNITY RIGHT TO KNOW ACT (EPCRA)

40 CFR PART 355, APPENDIX A

EHS COMPONENTS	CASRN	PERCENT	TPQ POUNDS and RQ
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No limits established for this product.

313 COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

CERCLA/SARA COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

EPCRA SECTION 311/312 CLASSIFICATION	ACUTE	No
	CHRONIC	No
	FIRE	No
	PRESSURE REACTIVE	No

OTHER FEDERAL REGULATIONS

The following components are identified under the Clean Air Act HON-Rule for SOCM chemicals:

COMPONENT NAME	CASRN
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No regulated components

The following components are identified under the Clean Air Act (VOCs in SOCM chemicals):

COMPONENT NAME	CASRN
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No regulated components

The following components are identified under the Clean Air Act as Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
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No regulated components

SAFETY DATA SHEET

The following components are identified under the Clean Air Act HON-Rule Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Water Act:

COMPONENT NAME	CASRN	LIST NAME
No limits established for this product.		

STATE RIGHT-TO-KNOW INFORMATION:

COMPONENT NAME	CASRN	STATE	List Name
Paraffin wax	8002-74-2	Massachusetts	Right-to-Know List
Paraffin wax	8002-74-2	New Jersey	Right-to-Know List
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Pennsylvania	Right-to-Know List

If the STATE RIGHT-TO-KNOW INFORMATION table above is empty than none of the components of this product are included on the state right-to-know regulatory lists for Florida, Massachusetts, Michigan, Pennsylvania, or New Jersey.

CALIFORNIA SAFE DRINKING WATER and TOXIC ENFORCEMENT ACT of 1986 (Proposition 65)

COMPONENT NAME	CASRN	CONCENTRATION †	LIST DATA
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This product contains no components which are listed on California's Proposition 65 lists.

† CONCENTRATIONS EXPRESSED IN % UNLESS UNITS ARE SPECIFIED

SECTION 16: OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility, therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

SAFETY DATA SHEET

Hazardous Material Identification System (HMIS) Hazard Ratings

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	D

The following components of this product are listed on the Canadian WHMIS Ingredient Disclosure List (IDL):

COMPONENT	CASRN	PERCENT	MINIMUM CONCENTRATION
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No regulatory limits established for this product.

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME: White toner powder (cartridge) for
Afinia LT5C

(Part Number: 36194)

PRODUCT DESCRIPTION: White Toner

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

MATERIAL USES: For electrophotographic printing systems

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

MANUFACTURER: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

SUPPLIER: Afinia Label
8150 Mallory Ct, Chanhassen, MN 55317
Tel: +1 888.215.3966
e-mail: sales@afinia.com

EMERGENCY TELEPHONE NUMBER: Tel. +1 888.215.3966 (Supported 09:00 to 17:00 US Time, Monday to Friday except Bank Holidays)

SECTION 2: HAZARD(S) IDENTIFICATION

PRODUCT CLASSIFICATION per 29 CFR 1910.1200

HAZARD CLASSIFICATION	This product does not satisfy any of the criteria for a hazardous material per the guidelines established by the United Nations (Globally Harmonized System of Classification and Labelling of Chemicals) as specified in 29 CFR 1910.1200 Hazard Communication (2012).
SIGNAL WORD	Not Applicable
HAZARD STATEMENTS	Not Applicable

RECOMMENDED SAFETY PRECAUTIONS

INJURY PREVENTION	Take all precautions to prevent dispersion of this product in air. Eliminate all sources of ignition. Take precautionary measures against static discharge. Good industrial hygiene practices should be followed when handling this material. Avoid contact with eyes and skin. Do not breathe dusts of this material. Wash thoroughly after handling.
EMERGENCY RESPONSE	IF IN EYES: rinse cautiously with water for 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Seek medical attention if necessary IF ON SKIN: gently wash with plenty of soap and water. Call a POISON CONTROL CENTER or doctor if symptoms develop or you feel unwell.
PRODUCT STORAGE	Protect from sun. Store in a well-ventilated room (under 40°C). Guard against accumulations of this material on surfaces.
PRODUCT DISPOSAL	Eliminate all sources of ignition. DISPOSE of product and containers in accordance with all applicable local, state, federal, and international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED

SAFETY DATA SHEET

PYROPHORIC GASES
SIMPLE ASPHYXIANTS
COMBUSTIBLE DUST

Not applicable
Not applicable
Product has not been tested for combustibility. However, as similar products are known to be combustible, the potential for this material to combust is a real hazard. All precautions should be taken when handling this product to avoid dispersion of the material in air.

Dust Classification	Minimum Ignition Energy (mJ)	Pmax (bar-g)	Rmax (bar/s)	Kst (bar-m/s)	Explosion Severity
Unknown (material has not been tested for combustibility)					

Definitions for dust classifications are found in OSHA Instruction CPL 03-00-008 *Combustible Dust National Emphasis Program (reissued)* March 11, 2008, Appendix E, Section 5

Other Known Hazards

None

FOR INFORMATION REGARDING ENVIRONMENTAL GHS CLASSIFICATION, REFER TO SECTION 12 BELOW

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

Substance/mixture:	Mixture		
Chemical Name	Common Name	CAS Number	Concentration (%)
Titanium oxide (TiO ₂)	Titanium oxide (TiO ₂)	13463-67-7	40 - 50
Confidential	Polyester resin	Confidential	Confidential
Silica	Silica	Confidential	1 - 5
Wax	Wax	Confidential	1 - 5
Other components	-	-	Confidential

SECTION 4: FIRST-AID MEASURES

EYES

Immediately flush eyes with plenty of water for at least 15 minutes. If necessary, seek medical attention.

SKIN

For skin contact, wash immediately with soap and water. If necessary, seek medical attention.

INGESTION

If the material is swallowed, get immediate medical attention or advice.

INHALATION

Call a physician if symptoms develop or persist.

SYMPTOMS of EXPOSURE

None known.

NOTES to PHYSICIAN

Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES

Refer to SECTION 9: Physical and Chemical Properties

HAZARDOUS PRODUCTS of COMBUSTION

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

PROPERTIES THAT COULD INCREASE FIRE or EXPLOSION HAZARD

Dusts at sufficient concentrations can form explosive mixtures with air.

EXTINGUISHING MEDIA

Water spray or powder

FIRE-FIGHTING INSTRUCTIONS

Firefighters should wear full protective clothing including self contained breathing apparatus.

SAFETY DATA SHEET

NFPA ratings are found in SECTION 16

SECTION 6: ACCIDENTAL RELEASE MEASURES

FOR ALL TRANSPORTATION ACCIDENTS, call at 1-856-235-2600.

RESPONSE TO SMALL SPILLS OF PRODUCT

SPILL CONTAINMENT	Containment of this material should not be necessary.
SPILL CLEANUP PROCEDURES	Vacuum up the spilled material.
REQUIRED EQUIPMENT	Vacuum or sweep up material and place in a disposal container.
ADDITIONAL INFORMATION	No other spill procedures necessary.

RESPONSE TO LARGE SPILLS OF PRODUCT

SPILL CONTAINMENT	Stop the flow of material, if this is without risk. Contain the discharged material. Remove sources of ignition.
SPILL CLEANUP PROCEDURES	Vacuum or sweep up material and place in a disposal container. Avoid the generation of dusts during clean-up. Dispose of spent absorbent in an approved industrial waste landfill.
REQUIRED EQUIPMENT	Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the clean-up of this material. Wear appropriate protective equipment and clothing during clean-up.
ADDITIONAL INFORMATION	No other spill procedures necessary.

SECTION 7: HANDLING AND STORAGE

HANDLING REQUIREMENTS	DUE TO THE POTENTIAL FOR COMBUSTIBLE DUST EXPLOSION, avoid conditions which may result in formation of a dust cloud. Implement best housekeeping practices to prevent accumulation of this product on surfaces. Do not use compressed air or nitrogen to remove material accumulations from surfaces. Equipment used to remove accumulated product should be protected against static ignition. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid getting this material into contact with your skin and eyes. Do not breathe fumes or dust from this material. Wash thoroughly after handling.
STORAGE REQUIREMENTS	Store in a cool, dry, well-ventilated area. This material can accumulate static charge which may cause spark and become an ignition source. Guard against dust accumulation of this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Prevent electrostatic charge build-up by using common bonding and grounding techniques.
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PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION	Wear dust goggles.
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SAFETY DATA SHEET

HAND PROTECTION
SKIN PROTECTION
RESPIRATORY PROTECTION

Use impervious gloves.
Normal work clothing (long sleeved shirts and long pants) is recommended.
A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

EXPOSURE LIMITS

CHEMICAL	CASRN	PERCENT	LIMITS	AGENCY
Titanium dioxide	13463-67-7	40 - 50	15 mg/m3 TWA (total dust)	OSHA
Particulates not otherwise regulated	-	-	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	OSHA
Titanium dioxide	13463-67-7	40 - 50	10 mg/m3 TWA	ACGIH
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	-	-	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended)	ACGIH

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE @ 20°C	White Powder	ODOR	No odor
ODOR THRESHOLD	No data available	pH	No data available
VAPOR DENSITY	No data available	VAPOR PRESSURE	No data available
EVAPORATION RATE	No data available	RELATIVE DENSITY	1.2g/mL @ 20°C
MELTING POINT (°C)	No data available	WATER SOLUBILITY	Insoluble in water
INITIAL BOILING POINT (°C)	No data available	BOILING RANGE (°C)	No data available
PARTITION COEFFICIENT (N-OCTANOL/WATER)	No data available	VISCOSITY	No data available
DECOMPOSITION TEMPERATURE	No data available	FLAMMABILITY CLASSIFICATION	Not evaluated
FLASH POINT (°C)	Not information available	AUTO-IGNITION TEMPERATURE	No data available
UPPER EXPLOSIVE LIMIT	No data available	LOWER EXPLOSIVE LIMIT	No data available

SAFETY DATA SHEET

SECTION 10: STABILITY and REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS to AVOID	Avoid ignition sources where dust is produced.
INCOMPATIBLE MATERIALS (Reactivity)	None known.
INCOMPATIBLE MATERIALS (Storage & Transport)	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

EYE EFFECTS	Dust or powder may irritate eye tissue.
SKIN EFFECTS	Not expected to be a primary skin irritant.
ACUTE ORAL EFFECTS (INGESTION)	Not a likely route of entry.
ACUTE INHALATION EFFECTS	Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
TARGET ORGANS	No known effects.

CHRONIC EFFECTS

MUTAGENICITY	Ames Test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative
TERATOLOGY	No data available for this product.
REPRODUCTIVE and DEVELOPMENTAL TOXICITY	No information available.

CARCINOGENICITY

CHEMICAL NAME	DATA	AGENCY	LIST
Titanium dioxide	Monograph 93 [2010]; Monograph 47 [1989]	IARC	Group 2B Classifiable Carcinogens
Titanium dioxide	Present	OSHA	Select Carcinogens

None of the components of this product are listed on the ACGIH Carcinogens List.

None of the components of this product are listed on the NTP Known or Suspected Carcinogens List.

LETHAL DOSE (LD50 & LC50) DATA

LD50 ORAL	LD50 Oral Rat > 2000 mg/kg
LD50 DERMAL	No information available 5% of the mixture consists of ingredients of unknown toxicity.
LC50 INHALATION	LC50 Inhalation Rat > 5.09 mg/L/4 hour (nose only)

MEDICAL CONDITIONS AGGRAVATED by EXPOSURE ROUTES of ENTRY	Inhalation of this product may aggravate existing conditions of the respiratory system such as asthma or bronchitis Routes of entry for solids and liquids include eye and skin contact, ingestion, and inhalation.
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SAFETY DATA SHEET

OTHER TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION: Rabbit, undiluted, 4 hours semi-occluded application test (OECD 404): Not classified, P.C.I. =0
 SERIOUS EYE DAMAGE/IRRITATION: Rabbit, undiluted, OCED405: not classified, I.A.O.I. = 2.0
 SKIN SENSITIZATION: Local Lymph Node Assay (LLNA, OECD429): negative

SECTION 12: ECOLOGICAL INFORMATION

UN GHS AQUATIC TOXICITY CLASSIFICATION INFORMATION

AQUATIC TOXICITY CLASSIFICATION	Not classified as hazardous to aquatic environment
SIGNAL WORD	Not applicable
HAZARD PICTOGRAM	Not applicable
HAZARD STATEMENT	Not applicable
PREVENTION	Not applicable
RESPONSE	Not applicable
DISPOSAL	Not applicable

ADDITIONAL ENVIRONMENTAL INFORMATION

AQUATIC TOXICITY (fish)	No information available
ECOTOX. INFORMATION	None determined
ENVIRONMENTAL FATE	No data available for this product.
BIOLOGICAL OXYGEN DEMAND (BOD5), g/g	No data available
CHEMICAL OXYGEN DEMAND (COD), g/g	No data available
PERSISTENCE & DEGRADABILITY	No information available.
BIOACCUMULATION	No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION	Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.
GENERAL DISPOSAL CONSIDERATIONS	Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.
DISPOSAL of EMPTY CONTAINERS	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

RCRA COMPONENT	CASRN	DATA
No limits established for this product.		

SECTION 14: TRANSPORT INFORMATION

	US DOT	IATA	IMDG
UN NUMBER	Not applicable	Not applicable	Not applicable
UN PROPER SHIPPING NAME	Non-hazardous material	Non-hazardous material	Non-hazardous material
TRANSPORT HAZARD CLASS(ES)	Not applicable	Not applicable	Not applicable
PACKING GROUP	Not applicable	Not applicable	Not applicable
REPORTABLE QUANTITY (RQ)	No reportable quantity		

SAFETY DATA SHEET

**EMERGENCY RESPONSE GUIDEBOOK
(ERG) REFERENCE
MARINE POLLUTANT**

for this product
Not applicable

None

SECTION 15: REGULATORY INFORMATION

**TOXIC SUBSTANCES
CONTROL ACT (TSCA)
EXPORT NOTIFICATIONS
SIGNIFICANT NEW USE
RULE (SNUR)**

This product is listed on the U.S. EPA TSCA Inventory.

This product is not subject to TSCA 12B Export Notification requirements.
This material is not subject to a Significant New Use Rule under the US Toxic Substances Control Act.

INTERNATIONAL CHEMICAL INVENTORIES

All of the components of this product are listed on the following inventories:

DSL	Canada	No	
NDSL	Canada	No	
ENCS	Japan	Yes	
EINECS	Europe	Yes	
ELINCS	Europe	No	
IECSC	China	Yes	Simplified Notification (polymer)
PICCS	Philippines	No	
ECL	Korea	Yes	Exemption for Examination
AICS	Australia	Yes	
TCSI	Taiwan	Yes	

EMERGENCY PLANNING and COMMUNITY RIGHT TO KNOW ACT (EPCRA) 40 CFR PART 355, APPENDIX A

EHS COMPONENTS	CASRN	PERCENT	TPQ POUNDS and RQ
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No limits established for this product.

313 COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

CERCLA/SARA COMPONENTS	CASRN	PERCENT	REPORTING LIMIT
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No limits established for this product.

EPCRA SECTION 311/312 CLASSIFICATION	ACUTE	No
	CHRONIC	No
	FIRE	No
	PRESSURE REACTIVE	No

OTHER FEDERAL REGULATIONS

SAFETY DATA SHEET

The following components are identified under the Clean Air Act HON-Rule for SOCM chemicals:

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act (VOCs in SOCM chemicals):

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act as Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Air Act HON-Rule Hazardous Air Pollutants (HAP)

COMPONENT NAME	CASRN
No regulated components	

The following components are identified under the Clean Water Act:

COMPONENT NAME	CASRN	LIST NAME
No limits established for this product.		

STATE RIGHT-TO-KNOW INFORMATION:

COMPONENT NAME	CASRN	STATE	List Name
Titanium dioxide	13463-67-7	Massachusetts	Right-to-Know List
Titanium dioxide	13463-67-7	New Jersey	Right-to-Know List
Titanium oxide (TiO ₂)	13463-67-7	Pennsylvania	Right-to-Know List

If the STATE RIGHT-TO-KNOW INFORMATION table above is empty than none of the components of this product are included on the state right-to-know regulatory lists for Florida, Massachusetts, Michigan, Pennsylvania, or New Jersey.

CALIFORNIA SAFE DRINKING WATER and TOXIC ENFORCEMENT ACT of 1986 (Proposition 65)

COMPONENT NAME	CASRN	CONCENTRATION ‡	LIST DATA
Titanium dioxide	13463-67-7	40 - 50	carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)

‡ CONCENTRATIONS EXPRESSED IN % UNLESS UNITS ARE SPECIFIED

SAFETY DATA SHEET

SECTION 16: OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility, therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

Hazardous Material Identification System (HMIS) Hazard Ratings

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	D

The following components of this product are listed on the Canadian WHMIS Ingredient Disclosure List (IDL):

COMPONENT	CASRN	PERCENT	MINIMUM CONCENTRATION
No regulatory limits established for this product.			