

# SAFETY DATA SHEET

**Toner powder (White toner) (cartridge) for  
C942 series**

**Oki Data Corporation**



# Safety Data Sheet 58413207

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SDS Revision 1.0

## 1. Identification of Substance and Company

### Product Identification

**Product Name:** White Toner Cartridge for  
C942 series

**Recommended Use:** Product is intended for use in laser printing applications

### Details of Company

**Name:** Oki Data Americas, Inc.  
**Address:** 2000 Bishops Gate Blvd  
Mount Laurel, NJ 08054  
US  
**Phone Number:** 1-800-654-3282  
**Fax Number:** 1-856-222-5247  
**Email Address:** support@okidata.com  
**Emergency Phone Number:** 1-800-654-3282

## 2. Hazard(s) Identification

### 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).

### GHS Label elements

Not Applicable

### Emergency Overview

**Signal Word** None

**Hazard Statement** Not Applicable

**Color:** White

**Physical State:** Powder

**Odor:** No Odor

### **Precautionary Prevention Statement:**

Obtain instructions before use.

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.

### **Precautionary Response Statement**

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

### Precautionary Storage Statement

Keep away from children.  
Protect from sun. Store in a well-ventilated room (under 40°C).  
Guard against accumulations of this material on surfaces.  
Eliminate all sources of ignition.

### Precautionary Disposal Statement

DISPOSE of product and containers in accordance with all applicable local, state, federal, and international regulations.

### Other Information

#### 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	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

### Unknown Toxicity

5% of the mixture consists of ingredients of unknown toxicity.

### Interactions with Other Chemicals

No information is available.

## 3. Composition Information

Chemical Name	CAS Number	Weight	Trade Secret
Titanium oxide (TiO <sub>2</sub> )	13463-67-7	40 - 50	*
Polyester resin	Confidential	Confidential	*
Silica	Confidential	1 - 5	*
Wax	Confidential	1 - 5	*
Other components	*	Confidential	*

\* The exact percentage or CAS Number has been withheld as a trade secret

## 4. First Aid Measures

<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If necessary, seek medical attention.
<b>Skin Contact</b>	For skin contact, wash immediately with soap and water. If necessary, seek medical attention.
<b>Inhalation</b>	Call a physician if symptoms develop or persist.
<b>Ingestion</b>	If the material is swallowed, get immediate medical attention or advice.
<b>Most Important Symptoms and Effects</b>	None known.
<b>Notes to Physician:</b>	Provide general supportive measures and treat symptomatically.

## 5. Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Water spray or powder
<b>Unsuitable Extinguishing Media</b>	No information is available.
<b>Specific Hazards Arising from Chemicals</b>	Dusts at sufficient concentrations can form explosive mixtures with air.
<b>Hazardous Combustion Products</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### Protective Equipment and Precautions for Firefighters

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

## 6. Accidental Release Measures

<b><u>Personal Precautions:</u></b>	Wear proper protective equipment. Avoid breathing dust.
<b><u>Protective Equipment:</u></b>	Mask, goggles, and protective gloves.
<b><u>Emergency Procedures:</u></b>	Ensure adequate ventilation and treat upwind.
<b><u>Response to Small Spills of Product</u></b>	
<b>Spill Containment</b>	Containment of this material should not be necessary.
<b>Spill Cleanup Procedures</b>	Vacuum up the spilled material.
<b>Required Equipment</b>	Vacuum or sweep up material and place in a disposal container.
<b>Additional Information</b>	No other spill procedures necessary.
<b><u>Response to Large Spills of Product</u></b>	
<b>Spill Containment</b>	Stop the flow of material, if this is without risk. Contain the discharged material. Remove sources of ignition.
<b>Spill Cleanup Procedures</b>	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.
<b>Required Equipment</b>	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.
<b>Additional Information</b>	No other spill procedures necessary.

## 7. Handling and Storage

### **Precautions for Safe Handling:**

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.

#### **Conditions for Safe Storage:**

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.

#### **Incompatible Products:**

No information is available.

### **8. Exposure Controls/Personal Protection**

#### **Exposure Limits:**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>PERCENT</b>	<b>LIMITS</b>	<b>AGENCY</b>
Titanium dioxide	13463-67-7	40 - 50	15 mg/m <sup>3</sup> TWA (total dust)	OSHA
Particulates not otherwise regulated	-	-	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	OSHA
Silica, amorphous Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	Confidential	Confidential	20 mppcf TWA; ((80)/(% SiO <sub>2</sub> )) mg/m <sup>3</sup> TWA)	OSHA
Titanium dioxide	13463-67-7	40 - 50	10 mg/m <sup>3</sup> TWA	ACGIH
Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS)	-	-	10 mg/m <sup>3</sup> TWA (inhalable particles, recommended); 3 mg/m <sup>3</sup> TWA (respirable particles, recommended)	ACGIH

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

#### **Engineering Measures:**

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

#### **Individual Protection**

**Eye/Face Protection**      Wear dust goggles.

**Skin/Body Protection**      Normal work clothing (long sleeved shirts and long pants) is recommended.  
Use impervious gloves.

**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.

**Hygiene Measures**      Wash hands after installation.

### **9. Physical and Chemical Properties**

<b>Appearance at 20°C (68°F)</b>	White powder	<b>Odor</b>	No odor
<b>Odor Threshold</b>	No data available	<b>pH</b>	No data available

<b>Vapor Density</b>	No data available	<b>Vapor Pressure</b>	No data available
<b>Evaporation Rate</b>	No data available	<b>Relative Density</b>	1.2g/mL at 20°C (68°F)
<b>Melting Point</b>	No data available	<b>Water Solubility</b>	Insoluble in water
<b>Initial Boiling Point</b>	No data available	<b>Boiling Range</b>	No data available
<b>Partition Coefficient (N-Octanol/Water)</b>	No data available	<b>Viscosity</b>	No data available
<b>Decomposition Temperature</b>	No data available	<b>Flammability Classification</b>	Not Classified
<b>Flash Point</b>	No information available	<b>Auto-Ignition Temperature</b>	No data available
<b>Upper Explosive Limit</b>	No data available	<b>Lower Explosive Limit</b>	No data available

## 10. Stability and Reactivity

<b><u>Reactivity:</u></b>	No information is available.
<b><u>Chemical Stability:</u></b>	Stable under normal conditions.
<b><u>Possibility of Hazardous Reactions:</u></b>	No information is available.
<b><u>Conditions to Avoid:</u></b>	Avoid ignition sources where dust is produced.
<b><u>Incompatible Materials:</u></b>	(Reactivity) None known. (Storage & Transport) No information available.
<b><u>Hazardous Decomposition Products:</u></b>	None known.

## 11. Toxicology Information

### Product Information

<b>Inhalation</b>	Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
<b>Eye Contact</b>	Dust or powder may irritate eye tissue.
<b>Skin Contact</b>	Not expected to be a primary skin irritant.
<b>Ingestion</b>	Not a likely route of entry.
<b>Symptoms</b>	No information is available.
<b>Sensitization</b>	No information is available.
<b>Mutagenic Effects</b>	No information available
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

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 (LD<sub>50</sub> & LC<sub>50</sub>) Data

LD <sub>50</sub> Oral	No information available	5% of the mixture consists of ingredients of unknown toxicity
LD <sub>50</sub> Dermal	No information available	5% of the mixture consists of ingredients of unknown toxicity
LD <sub>50</sub> 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.

#### Reproductive Toxicity

No information is available.

#### STOT – single exposure

No information is available.

#### STOT – repeated exposure

No information is available.

#### Chronic Toxicity

Contains a known or suspected carcinogen. The IARC reevaluated Titanium Dioxide (TiO<sub>2</sub>) as a Group 2B carcinogen (possible human carcinogen) by inhalation (based solely on animal data). Human epidemiology studies do not suggest an increased risk of cancer in humans for occupational exposure to titanium dioxide. IARC stated that exposure levels are assumed lower in the user industries, with the possible exception of workers who handle large quantities of titanium dioxide.

No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints.

#### Target Organ Effects

No information is available.

#### Numerical measurements of toxicity:

Not Applicable

## 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** No information available

**Ecotoxicity 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 is available.

**Bioaccumulation** No information is available.

**Mobility in Soil** No information is available.

## **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

## **14. Transportation Information**

	<b>US DOT</b>	<b>IATA</b>	<b>IMDG</b>
<b>Proper Shipping Name</b>	Non-hazardous material	Non-hazardous material	Non-hazardous material
<b>Transport Hazard Class(es)</b>	Not applicable	Not applicable	Not applicable
<b>Packing Group</b>	Not applicable	Not applicable	Not applicable

<b>UN Number</b>	Not applicable
<b>UN Proper Shipping Name</b>	Non-hazardous material
<b>Reportable Quantity (RQ)</b>	No reportable quantity for this product
<b>Emergency Response Guidebook (ERG) Reference</b>	Not applicable
<b>Marine Pollutant</b>	None
<b>Environmental Hazards</b>	No information is available



## 15. Regulatory Information

<b>Toxic Substances Control Act (TSCA)</b>	This product is listed on the U.S. EPA TSCA Inventory.
<b>Export Notifications</b>	This product is not subject to TSCA 12B Export Notification requirements.
<b>Significant New Use Rule (SNUR)</b>	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:

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

### Emergency Planning and Community Right to Know Act (EPCRA) 40 CFR Part 355, Appendix A

<b>EHS COMPONENTS</b>	<b>CAS Number</b>	<b>PERCENT</b>	<b>TPQ POUNDS and RQ</b>
No limits established for this product.			

<b>313 COMPONENTS</b>	<b>CAS Number</b>	<b>PERCENT</b>	<b>TPQ POUNDS and RQ</b>
No limits established for this product.			

<b>CERCLA/SARA COMPONENTS</b>	<b>CAS Number</b>	<b>PERCENT</b>	<b>TPQ POUNDS and RQ</b>
No limits established for this product.			

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

### Other Federal Regulations

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

<b>Component Name</b>	<b>CAS Number</b>
No regulated components	

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

<b>Component Name</b>	<b>CAS Number</b>
No regulated components	

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

<b>Component Name</b>	<b>CAS Number</b>
No regulated components	

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

<b>Component Name</b>	<b>CAS Number</b>
No regulated components	

**The following components are identified under the Clean Water Act:**

Component Name	CAS Number
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No limits established for this product.

**STATE RIGHT-TO-KNOW INFORMATION:**

COMPONENT NAME	CAS Number	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 dioxide	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 Water and Toxic Enforcement Act of 1986 (Proposition 65)**

Component Name	CAS Number	Concentration †	List Data
Titanium dioxide	13463-67-7	40 - 50	carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)

† Concentrations expressed in % unless units are specified

**16. Other Information**

<b><u>NFPA</u></b>	<b>Health Hazards – 1</b>	<b>Flammability – 2</b>	<b>Instability - 0</b>	
<b><u>HMIS</u></b>	<b>Health Hazards – 1</b>	<b>Flammability – 2</b>	<b>Physical Hazards - 0</b>	<b>Personal Protection - D</b>

**Prepared By**

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**Revision Note**

No information available

**Disclaimer**

This bulletin cannot cover all possible situations, which the user may experience when using this product. Each aspect of your operation must be examined concerning if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin must be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.