

SAFETY DATA SHEET

Toner powder (White toner) (cartridge) for

C941 series

Oki Data Corporation

SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking

Product name : White toner powder (cartridge) for C941 series
(Toner powder name : ODW-1)

Manufacturer : Oki Data Corporation
3-1 Futaba-cho Takasaki-shi Gunma 370-8585 JAPAN
Tel: 81-27-328-6366 Fax: 81-27-328-6396

Supplier : Oki Data Americas, Inc.
2000 Bishops Gate Blvd. Mt. Laurel NJ 08054-4620 USA
Tel. 1-800-654-3282

Emergency telephone number : Tel. 1-800-654-3282

2. Hazards identification

GHS CLASSIFICATION

PHYSICAL AND CHEMICAL HAZARDS : Not classified

HEALTH HAZARDS

ACUTE TOXICITY (Oral) : Not classified

ACUTE TOXICITY (Dermal) : Not classified

ACUTE TOXICITY (Inhalation) : Not applicable (Vapours)

SKIN CORROSION / IRRITATION : Not classified

SERIOUS EYE DAMAGE / EYE IRRITATION : Not classified

RESPIRATORY SENSITIZATION : Classification not possible

SKIN SENSITIZATION : Not classified

GERM CELL MUTAGENICITY : Classification not possible

CARCINOGENICITY : Classification not possible

REPRODUCTIVE TOXICITY : Classification not possible

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY

- SINGLE EXPOSURE : Classification not possible

- REPEATED EXPOSURE : Classification not possible

ASPIRATION HAZARD : Classification not possible

ENVIRONMENTAL HAZARDS

HAZARDOUS TO THE AQUATIC ENVIRONMENT

- ACUTE TOXICITY : Classification not possible

- CHRONIC TOXICITY : Classification not possible

- HAZARDOUS TO THE OZONE LAYER : Classification not possible

GHS LABEL ELEMENTS

PICTOGRAMS OR SYMBOLS : Not applicable

SIGNAL WORD : Not applicable

HAZARD STATEMENTS : Not applicable

PRECAUTIONARY STATEMENTS

PREVENTION : Wash thoroughly after handling.
If needed, use personal protective equipment as required.

RESPONSE : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Gently wash with plenty of water and soap.
Call a POISON CENTER or doctor if you feel unwell.

STORAGE : Protect from sun. Store in a well-ventilated room (under 40°C).

SAFE HANDLING ADVICE : Refer to SDS.

3. Composition/information on ingredients

SUBSTANCE / MIXTURE : Mixture

INGREDIENTS AND CONCENTRATION RANGE

Ingredients	Concentration Range (%)	CAS RN
Polyester resin	Confidential	Confidential
Titanium dioxide	Confidential	13463-67-7
Other components	Confidential	Confidential

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4. First aid measures

IN CASE OF INHALATION	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IN CASE OF SKIN CONTACT	:	Gently wash with plenty of soap and water.
IN CASE OF EYE CONTACT	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IN CASE OF INGESTION	:	Call a POISON CENTER or doctor/physician if you feel unwell.

5. Fire fighting measures

EXTINGUISHING MEDIA	:	Water spray, powder.
NOT SUITABLE EXTINGUISHING MEDIA	:	No information available
SPECIFIC HAZARDS	:	May produce irritating or toxic gases in a fire.
SPECIFIC METHODS	:	Keep away from sources of ignition and use the appropriate extinguishing media. Fight fire from upwind position if possible.
PROTECTION OF FIRE FIGHTERS	:	Use goggles in combination with dust mask, and another protections as appropriate to situation.

6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE	:	Use mask, goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation. Treat from upwind position.
ENVIRONMENTAL PRECAUTIONS	:	Do not discharge into the drains, surface waters or ground water directly.
METHODS FOR CLEANING UP	:	Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.
PREVENTION OF SECONDARY HAZARDS	:	No information available

7. Handling and storage

HANDLING		
TECHNICAL MEASURES	:	Facilities storing or utilizing this material should be equipped with an eyewash
PRECAUTIONS	:	Avoid inhalation of fine dust.
SAFE HANDLING ADVICE	:	Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion.
STORAGE		
SUITABLE STORAGE CONDITIONS	:	Keep container tightly closed. Protect from sun. Store in a well-ventilated room (under 40 °C).
SAFE PACKAGING MATERIALS	:	No information available

8. Exposure controls/personal protection

ENGINEERING MEASURES	:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation, in case of generation of dust.
LIMIT VALUES		
ACGIH (TLV)	:	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) (Particulates (insoluble or poorly soluble) not otherwise specified (PNOS)) TWA 10 mg/m3, STEL - : Titanium dioxide
OSHA (PEL)	:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) (Particulates not otherwise regulated) PEL TWA Total dust 15mg/m3, (2012 year edition) : Titanium dioxide
PERSONAL PROTECTIVE EQUIPMENT		
RESPIRATORY PROTECTION	:	Use dust mask, as appropriate to situation.
HAND PROTECTION	:	Rubber gloves.
EYE PROTECTION	:	Safety glasses with side shield (Safety goggles or Face shield).
SKIN AND BODY PROTECTION	:	Full-body suit.
HYGIENE MEASURES	:	No information available

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9. Physical and chemical properties

PHYSICAL STATES

FORM : Powder
 COLOUR : White
 ODOUR : Odourless
 pH : Not applicable

SPECIFIC TEMPERATURES / TEMPERATURE RANGES AT WHICH CHANGES IN PHYSICAL STATE OCCUR

BOILING POINT : No information available
 MELTING POINT : No information available
 FLASH POINT : Not applicable

FLAMMABILITY OR EXPLOSIVE PROPERTIES

FLAMMABILITY OR EXPLOSIVE LIMITS : UPPER LIMIT : No information available
 LOWER LIMIT : No information available
 VAPOUR PRESSURE : No information available
 VAPOUR DENSITY : No information available
 SPECIFIC GRAVITY (DENSITY) : 2.0g/mL

SOLUBILITY

WATER SOLUBILITY : Insoluble
 SOLVENT SOLUBILITY : Partially soluble in toluene, chloroform and tetrahydrofuran.

PARTITION COEFFICIENT : No information available

n-OCTANOL / WATER (log Pow)

AUTO-IGNITION TEMPERATURE : No information available
 DECOMPOSITION TEMPERATURE : No information available
 ODOUR THRESHOLD : No information available
 EVAPORATION RATE : No information available
 FLAMMABILITY (SOLD,GAS) : No information available
 VISCOSITY : No information available
 OTHER DATA : No information available

10. Stability and reactivity

CHEMICAL STABILITY : Stable in general.
 POSSIBILITY OF HAZARDOUS REACTIONS : Stable.
 CONDITIONS TO AVOID : No information available
 INCOMPATIBLE MATERIALS : No information available
 HAZARDOUS DECOMPOSITION PRODUCTS : No information available
 OTHERS : No information available

11. Toxicological information

ACUTE TOXICITY

Oral

INFORMATION ON PRODUCT : Rat, Female, LD50 : > 2000 mg/kg

Dermal

INFORMATION ON PRODUCT : No information available
 INFORMATION ON INGREDIENTS : No information available

Inhalation

INFORMATION ON PRODUCT : No information available
 INFORMATION ON INGREDIENTS : No information available

SKIN CORROSION / IRRITATION

INFORMATION ON PRODUCT : Rabbit, undiluted, 4 hours semi-occluded application test (OECD404) :
 Not irritant

SERIOUS EYE DAMAGE / IRRITATION

INFORMATION ON PRODUCT : No information available
 INFORMATION ON INGREDIENTS : No information available

RESPIRATORY OR SKIN SENSITIZATION

RESPIRATORY

INFORMATION ON PRODUCT : No information available
 INFORMATION ON INGREDIENTS : No information available

SKIN

INFORMATION ON PRODUCT : Local Lymph Node Assay (LLNA, OECD429) : Negative

MUTAGENICITY

INFORMATION ON PRODUCT : Ames test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA) : Negative
 INFORMATION ON INGREDIENTS : No information available

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CARCINOGENICITY

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available
IARC	:	IARC has issued a notice that they will publish a monograph that lists titanium dioxide (TiO ₂) as possibly carcinogenic to humans (Group 2B) 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 to be 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.
NTP	:	Not listed
EU	:	Not listed
OSHA	:	Not listed

REPRODUCTIVE TOXICITY

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY

- SINGLE EXPOSURE

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

- REPEATED EXPOSURE

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

ASPIRATION HAZARD

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available
OTHER INFORMATION	:	No information available

12. Ecological information

ECOTOXICITY	:	No information available
PERSISTENCE / DEGRADABILITY	:	No information available
MOBILITY IN SOIL	:	No information available
BIOACCUMULATIVE POTENTIAL	:	No information available
OTHER ADVERSE EFFECTS	:	No information available

13. Disposal considerations

Review "HANDLING AND STORAGE (Section7)".
Passed to a licensed waste contractor. This product may cause risk of dust explosion.
Dispose of waste in accordance with local,state and federal regulations.

14. Transport information

Follow all regulations in your country or region.

INTERNATIONAL REGULATIONS

UN CLASS / UN NUMBER	:	Not applicable. (ADR/RID, ADN/ADNR, IMDG, IATA)
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SPECIAL PRECAUTIONS

FOR USER	:	Review "ACCIDENTAL RELEASE MEASURES (Section 6)". Review "HANDLING AND STORAGE (Section 7)". Ensure containers without breakage or leakage. Ensure containers tightly fixed. Follow all regulations in your country or region. Avoid heating(keep under 40 °C).
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15. Regulatory information

INVENTORIES	:	ENCS (Japan)	Yes
		TSCA (USA)	Yes
		EINECS (EU)	No (ELINCS)
		AICS (Australia)	Yes
		DSL (Canada)	Yes
		ECL (Korea)	Yes
		PICCS (Philippines)	Yes
		IECSC (China)	Yes

All ingredients are registered under The industrial Chemicals (Notification and Assessment) Act 1989 , or under the polymer exemption.
All ingredients are exempt, registered or considered polymer under The Australian Inventory of Chemical Substances (AICS).
with Directive NIC504735 : not classified.

Not every regulatory information for each countries can not be identified, please conform and comply regulations in your country or region, on your own responsibility.

SAFETY DATA SHEET**16. Other information**

REFERENCES : -Safety data sheet for chemical products - Part 1: Content and order of sections (ISO 11014-1)
-International Chemical Safety Cards (ICSC) (Compiler's Guide) (1994)

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