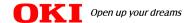


# **SAFETY DATA SHEET**

Toner Powder (Cartridge) for

B401/B411/B431 Series
B412/B432/B512 Series
B820/B840 Series
MB441/MB451/MB451w Series
MB461/MB471/MB491 Series
MB472/MB492/MB562 Series
ES4131 Series
ES4132/ES5112 Series
ES4161/ES4191 Series
ES4192/ES5162 Series
ES8140 Series
KS4132 Series



### SAFETY DATA SHEET

### 1. Identification of the substance or mixture and of the supplier

GHS Product identifier : Black toner powder (cartridge) for

B401/B411/B431 Series B412/B432/B512 Series B820/B840 Series

MB441/MB451/MB451w Series MB461/MB471/MB491 Series MB472/MB492/MB562 Series

ES4131 Series

ES4132/ES5112 Series ES4161/ES4191 Series ES4192/ES5162 Series

ES8140 Series KS4132 Series

(Toner powder name: ODT-1)

Recommended use of the chemical and restrictions on use

Recommended use : Not available

Recommended restrictions : Not known

Manufacturer : Oki Electric Industry Co., Ltd.

1-7-12 Toranomon, Minato-ku, Tokyo, 105-8460, Japan

Tel: 03-3501-3111

Supplier Australia : Oki Data (Australia) Pty Ltd.

Level 1, 67 Epping Road, Macquarie Park NSW 2113 Australia

Tel: 1800 800 140

E-mail: aus-support@oki.com

New Zealand : Oki Data New Zealand

PO Box 303063 North Harbour 0751 New Zealand

Ph 0800 654 669

E-mail: aus-support@oki.com

Singapore : Oki Data (Singapore) Pte Ltd.

351 Braddell Road #03-01A, 351 On Braddell, Singapore 579713

Tel: +65 6221 3722

E-mail: odsp-sales@oki.com

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### SAFETY DATA SHEET

### 2. Hazard(s) identification

GHS classification of substance or mixture, and national or regional information

: Not classified

**GHS** label elements

Hazard Symbol : No symbol

Signal Word : No signal word

Hazard Statement : Not applicable

**Precautionary Statements** 

**Prevention**: Wash thoroughly after handling.

If needed, use personal protective equipment as required.

**Response:** : IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER/doctor if you feel unwell.

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

Disposal : -

Other hazards which do not result in GHS classification

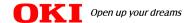
: None

#### 3. Composition/information on ingredients

#### **Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Tin oxide	No data available.	21651-19-4	0.01 - 0.1%

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### SAFETY DATA SHEET

#### 4. First-aid measures

### Description of first aid measures

**Inhalation** : Remove person to fresh air and keep comfortable for breathing.

**Skin Contact** : Gently wash with plenty of soap and water.

**Eye contact** : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion : Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Personal Protection for First-aid Responders

No data available.

Most important symptoms and effects, both acute and delayed

Symptoms : No data available.

Hazards : No data available.

Indication of immediate medical attention and special treatment needed

**Treatment**: Get medical attention if symptoms occur.

### 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray, powder

Unsuitable extinguishing

media

No data available.

Special hazards arising from

the substance or mixture

May produce irritating or toxic gases in a fire.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures : Keep away from sources of ignition and use appropriate extinguishing

media. Fight fire from upwind position if possible.

Special protective equipment

for fire-fighters

Use goggles in combination with dust mask, and other protections as

appropriate to situation.

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# SAFETY DATA SHEET

#### 6. Accidental release measures

Personal precautions, protective equipment

Use mask, goggles and protective gloves.

Large spills: Remove person to safety. Ensure adequate ventilation.

Treat from upwind position.

Accidental release measures

No data available.

Methods and material for containment and cleaning up

and emergency procedures

Prevent dispersion of dust.

Sweep or vacuum by dust-explosion-proof type cleaner.

**Environmental Precautions** : Do not discharge into the drains, surface waters or ground water directly.

#### 7. Handling and storage

Handling

**Technical measures** : Facilities storing or utilizing this material should be equipped with

an eyewash facility and a safety shower.

**Local/Total ventilation** : Use local exhaust ventilation, in case of generation of dust.

Safe handling advice : Avoid inhalation of fine dust. 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.

Contact avoidance measures : No data available.

Storage

**Safe storage conditions** : Keep container tightly closed. Protect from sun.

Store in a well-ventilated room (under 40°C).

Safe packaging materials : No data available.

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# SAFETY DATA SHEET

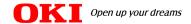
### 8. Exposure controls/personal protection

#### **Control Parameters**

### **Occupational Exposure Limits**

Chemical Identity	Туре	Exposure Limit Values	Source
Carbon black	TWA	3 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
- Respirable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	10 mg/m³	Australia. National Workplace OELs (Workplace
- Inhalable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Tin oxide - as Sn	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Methyl methacrylate	TWA	50 ppm 208 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Methyl methacrylate	STEL	100 ppm 416 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Carbon black	TWA	3 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction			(12 2010)
Carbon black	TWA	3 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Respirable particles			(01 2021)
Carbon black	TWA	10 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable particles			(01 2021)
Carbon black	TWA	0.2 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
- Fume - as Cu			(03 2014)
Carbon black	TWA	1 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Dust and mist			(03 2014)
- as Cu			

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## SAFETY DATA SHEET

Tin oxide	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction			(03 2019)
- as Sn			
Methyl methacrylate	TWA	50 ppm	US. ACGIH Threshold Limit Values, as amended
			(2008)
Methyl methacrylate	STEL	100 ppm	US. ACGIH Threshold Limit Values, as amended
			(2008)

### **Appropriate Engineering**

Controls

: 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. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Safety glasses with side shield (Safety goggles or Face shield)

**Hand Protection** Material: Rubber gloves

Other Full-body suit

**Respiratory Protection** Use dust mask, as appropriate to situation.

Hygiene measures : No data available.

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### SAFETY DATA SHEET

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

**Appearance** 

Physical state : Solid

Form : Powder

Color : Black

Odor : Odorless

Odor Threshold : No data available.

Melting Point : No data available.

**Boiling Point** : No data available.

Flammability : No data available.

Upper/lower limit on flammability or explosive limits

**Explosive limit - upper** : No data available.

**Explosive limit - lower** : No data available.

Flash Point : No data available.

**Self Ignition Temperature** : No data available.

**Decomposition Temperature** : No data available.

**pH** : No data available.

Viscosity

**Dynamic viscosity** : No data available.

**Kinematic viscosity** : No data available.

Flow Time : No data available.

Solubility(ies)

Solubility in Water : Insoluble in water

**Solubility (other)** : Partially soluble in toluene, chloroform and tetrahydrofurane

Partition coefficient

(n-octanol/water)

: No data available.

Vapor pressure : No data available.

Relative density : No data available.

Density : 1.2 g/ml

Vapor density (air=1) : No data available.

**Particle characteristics** 

Particle Size : No data available.

Particle Size Distribution : No data available.

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# SAFETY DATA SHEET

### 10. Stability and reactivity

Reactivity : No data available.

Chemical Stability : Stable in general

Possibility of hazardous

reactions

Stable

Conditions to avoid : No data available.

Incompatible Materials : No data available.

**Hazardous Decomposition** 

**Products** 

No data available.

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11. Toxicological information

### SAFETY DATA SHEET

Acute toxicity (list all possible routes of exposure)

Oral

**Product** : LD 50 (Rat): > 2,000 mg/kg

LD 50 (Rat): < 5,000 mg/kg

Not classified based on available data.

**Dermal** 

Product : Classification not possible due to insufficient data.

Inhalation

Product : Dusts, mists and fumes: Classification not possible due to insufficient

data.

Vapour: Classification not possible due to insufficient data.

SDS No.: TNR-M0009 (for AOS)

Skin Corrosion/Irritation

Product : OECD TG404 Rabbit, 4 h: Non irritant undiluted

Not classified based on available data.

Serious Eye Damage/Eye Irritation

**Product** : Classification not possible due to insufficient data.

Components

Tin oxide : Category 2: (88)

Respiratory or Skin Sensitization

Product : Skin sensitization, LLNA Skin: (Mouse): Negative

Skin: Not classified based on available data.

Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

**Product** : Classification not possible due to insufficient data.

IARC : No carcinogens present or none present in regulated quantities.

**Germ Cell Mutagenicity** 

In vitro

Product : Ames test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative

Classification not possible due to insufficient data.

In vivo

**Product** : Classification not possible due to insufficient data.

Reproductive toxicity

**Product** : Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure** 

**Product** : Classification not possible due to insufficient data.

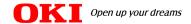
Components

Tin oxide : Category 1: respiratory tract, Kidney: (88)

**Specific Target Organ Toxicity - Repeated Exposure** 

**Product** : Classification not possible due to insufficient data.

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# SAFETY DATA SHEET

Components

Tin oxide : Category 1: systemic toxicity: (88)

**Aspiration Hazard** 

**Product** : No data available.

Other effects : No data available.

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## SAFETY DATA SHEET

### 12. Ecological information

Ecotoxicity

Acute hazards to the aquatic

environment

**Fish** 

**Product** : Classification not possible due to insufficient data.

**Aquatic Invertebrates** 

**Product** : Classification not possible due to insufficient data.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Chronic hazards to the aquatic environment

:

**Fish** 

**Product** : Classification not possible due to insufficient data.

**Aquatic Invertebrates** 

**Product** : Classification not possible due to insufficient data.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Persistence and Degradability

**Biodegradation** 

**Product** : No data available.

**BOD/COD Ratio** 

**Product** : No data available.

Bioaccumulative potential

**Bioconcentration Factor (BCF)** 

**Product** : No data available.

Partition Coefficient n-octanol / water (log Kow)

Product : No data available.

Mobility in soil : No data available.

Other adverse effects : No data available.

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# SAFETY DATA SHEET

### 13. Disposal considerations

Disposal methods : Review "HANDLING AND STORAGE (Section 7)".

Passed to a licensed waste contractor.

This product may cause risk of dust explosion.

**Contaminated Packaging** : No data available.

### 14. Transport information

**IATA** 

Not Regulated

**IMDG** 

Not Regulated

Hazchem Code : No data available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

**National Regulations** 

Domestic Standard : In compliance with domestic law.

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### SAFETY DATA SHEET

#### 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poisons Schedule Number

**Product** Poisons schedule number not allocated.

**Notifiable Carcinogenic Substances** 

Not Regulated

**Prohibited Carcinogenic Substances** 

Not Regulated

National Pollutant Inventory (NPI) substance reporting list

Carbon black Category threshold (quantity of fuel or waste burned by Threshold Category: 2A

facility):400tonnes/yr Threshold Category: 2B

SDS No.: TNR-M0009 (for AOS)

Threshold Category: 2B

Threshold Category: 1

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Silica Category threshold (quantity of fuel or waste burned by Threshold Category: 2A

facility):400tonnes/yr

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Organic pigment Category threshold (quantity of fuel or waste burned by Threshold Category: 2B

facility):2000tonnes/yr

Threshold quantity:10tonnes/yr

Methyl methacrylate Threshold quantity:10tonnes/yr Threshold Category: 1

Prohibited Substances (National Model Regulations for the Control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994))

Not Regulated

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not Regulated

Importation of Ozone Depleting Substances (Customs (Prohibited Imports) Regulations 1956, Schedule 10)

Not Regulated

**High Volume Industrial Chemicals (HVIC)** 

Carbon black Threshold quantity: 10000 - 99999 tonnes Silica Threshold quantity: 10000 - 99999 tonnes Organic pigment Threshold quantity: 1000 - 9999 tonnes Methyl methacrylate Threshold quantity: 10000 - 99999 tonnes

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## SAFETY DATA SHEET

Inventory Status :

US TSCA Inventory : On or in compliance with the inventory

Canada DSL Inventory List : Not in compliance with the inventory

Australia AICS : On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI) : Not in compliance with the inventory

Japan (ENCS) List : On or in compliance with the inventory

Japan ISHL Listing : On or in compliance with the inventory

Philippines PICCS : Not in compliance with the inventory

China Inv. Existing Chemical Substances : On or in compliance with the inventory

REACH (EU) : Contact us for information

Taiwan Chemical Substance Inventory : On or in compliance with the inventory

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### SAFETY DATA SHEET

#### 16. Other Information

Further Information : No data available.

**References** : No data available.

Disclaimer : 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.

In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail

information.

**Reference** : (88): ECHA-REACH Registered Substances Database

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