

# SAFETY DATA SHEET

Toner Powder (Cartridge) for  
B721/731 series  
MB760/770 series  
ES7131 series  
ES7170 series

OKI DATA CORPORATION

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name:** Black toner powder (cartridge) for  
B721/731 series  
MB760/770 series  
ES7131 series  
ES7170 series  
(Toner powder name: TI4155)

**Product description:** Black Toner

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Material uses:** For electrophotographic printing systems

### 1.3 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:** OKI Europe Limited  
Blays House, Wick Road, Egham, Surrey, TW20 0HJ, UK  
Tel: +44 (0) 208 219 2190 Fax: +44 (0) 208 219 2199  
e-mail: SDSQuestions@okieurope.com

### 1.4 Emergency telephone number

**OKI Europe Limited:** +44 (0) 208 219 2190  
(Supported 09:00 to 17:00 UK Time, Monday to Friday  
except Bank Holidays)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition:** Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

**2.2 Label elements** None

**2.3 Other hazards** No hazard expected under normal conditions of use

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## SECTION 3: Composition/information on ingredients

Substance/mixture: Mixture

Chemical name	Weight %	CAS-No.	EC-No.	Classification (Reg. 1272/2008)	REACH Registration number
Polymer	70 – 90	292629-36-8	-	None	
Wax	5 – 15	Proprietary	Listed	None	
Carbon black	1 – 5	1333-86-4	Present	None	01-2119384822-32-0065
Additive	1 – 5	Proprietary	Listed	None	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General advice:** For external use only. When symptoms persist or in all cases of doubt seek medical advice. Show this safety data sheet to the doctor in attendance.

**Eye contact:** Immediately flush eyes with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

**Inhalation:** Move to fresh air.

**Skin contact:** Wash skin with soap and water.

**Ingestion:** Rinse mouth with water and afterwards drink plenty of water or milk.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Acute toxicity

**Eye contact:** No known effect.

**Inhalation:** No known effect.

**Skin contact:** No known effect.

**Ingestion:** No known effect.

#### Chronic effects

**Overexposure may cause** Mild respiratory irritation similar to nuisance dust.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Protection of first-aiders:** No special protective equipment required.

**Notes to physician:** Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** Use water spray or fog; do not use straight streams, Foam

**Unsuitable extinguishing media:** Do not use a solid water stream as it may scatter and spread fire.

### 5.2 Special hazards arising from the substance or mixture

Fine dust dispersed in the air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### 5.3 Advice for firefighters

In the event of fire and/or explosion do not breathe fumes. Wear fire/flare resistance/retardant clothing. Use self-contained pressure-demand breathing apparatus if needed to prevent exposure to smoke or airborne toxins.

Wear self-contained breathing apparatus and protective suit.

### Other Information

<b>Flammable properties</b>	Not flammable. Will not readily ignite
<b>Flash point</b>	Not applicable
<b>Hazardous combustion products</b>	Hazardous decomposition products due to incomplete combustion, Carbon oxides Nitrogen oxides (NOx)

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust

### 6.2 Environmental precautions

No special environmental precautions required

### 6.3 Methods and materials for containment and cleaning up

Avoid dust formation  
Take precautionary measures against static discharges  
Sweep up and shovel into suitable containers for disposal

### 6.4 Reference to other sections

None

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Handling practices and processes should be consistent with safe handling of combustible dust  
Prevent dust cloud  
In case of insufficient ventilation, wear suitable respiratory equipment  
Keep away from open flames, hot surfaces and sources of ignition  
Take precautionary measures against static discharges

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well ventilated place  
Store at room temperature

### 7.3 Specific end use(s)

For electrophotographic printing systems

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

<b>Xerox Exposure Limit:</b>	2.5 mg/m <sup>3</sup> (total dust)
<b>Xerox Exposure Limit:</b>	0.4 mg/m <sup>3</sup> (respirable dust)

### 8.2 Exposure controls

<b>Engineering measures:</b>	Engineering controls should be used to maintain airborne dust levels below established exposure limits
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### 8.3 Individual protection measures, such as personal protective equipment (PPE)

<b>Respiratory protection:</b>	No special personal protective equipment
<b>Eye/face protection:</b>	No special personal protective equipment
<b>Skin and body protection:</b>	No special personal protective equipment
<b>Hand protection:</b>	No special personal protective equipment

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Powder
<b>Physical State:</b>	Solid
<b>Colour:</b>	Black
<b>Odour:</b>	Faint
<b>Odour threshold:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Flash point:</b>	Not applicable
<b>Boiling point/range:</b>	Not applicable
<b>Softening point:</b>	49 – 60 °C / 120 - 140 °F
<b>Auto ignition temperature:</b>	Not applicable
<b>Flammability limits in air:</b>	Not applicable
<b>Vapour pressure:</b>	Not applicable
<b>Vapour density:</b>	Not applicable
<b>Water Solubility:</b>	Negligible
<b>Viscosity:</b>	Not applicable
<b>Partition coefficient:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Melting point/range:</b>	Not determined
<b>Freezing point:</b>	Not applicable
<b>Decomposition temperature:</b>	Not determined
<b>Specific gravity:</b>	~ 1

### 9.2 Other information

<b>Explosive properties:</b>	(Method: -ASTM E 1226 standard test method for explosibility of dust clouds)
<b>Maximum rate of explosion pressure rise (KSt):</b>	282 – 304 m <sup>3</sup> bars/sec
<b>Maximum explosion pressure (Pmax):</b>	7.9 – 9.0 bar
<b>Maximum ignition energy:</b>	<3 millijoules

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	No dangerous reaction known under conditions of normal use
<b>10.2 Chemical stability:</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	
<b>Hazardous reactions:</b>	None under normal processing
<b>Hazardous polymerisation:</b>	Hazardous polymerisation does not occur.
<b>10.4 Conditions to avoid:</b>	Heat, flames and sparks. Take precautionary measures against static discharges. Prevent dust cloud.
<b>10.5 Incompatible materials to avoid:</b>	None
<b>10.6 Hazardous decomposition products:</b>	None under normal use

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product information:

<b>Irritation:</b>	No skin irritation, No eye irritation
<b>LD50 Oral:</b>	> 5 g/kg (rat)
<b>LD50 Dermal:</b>	> 5 g/kg (rabbit)
<b>LC50 Inhalation:</b>	> 5 mg/L (rat, 4hr)

**Component information:** No information available

#### Chronic toxicity

##### Product information:

<b>Chronic effects:</b>	No known effects under normal use conditions
<b>Carcinogenicity:</b>	Not classified as a human carcinogen

**Component information:** No information available

#### Other toxic effects

##### Product information:

<b>Sensitisation:</b>	No sensitisation responses were observed
<b>Mutagenic effects:</b>	Not mutagenic in AMES test
<b>Developmental toxicity:</b>	None known
<b>Teratogenicity:</b>	None known
<b>Target organ effects:</b>	None known
<b>Other adverse effects:</b>	None known
<b>Aspiration hazard:</b>	Not applicable

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Acute Aquatic Toxicity:</b>	On available data, substance is not harmful to aquatic life
<b>Chronic Aquatic Toxicity:</b>	On available data, substance is not harmful to aquatic life

**12.2 Persistence and degradability:** No information available

**12.3 Bioaccumulative potential:** Bioaccumulation is unlikely

**12.4 Mobility in soil:** Insoluble in water

**12.5 Results of PBT and vPvB assessment:** Not a PBT according to REACH Annex XIII

**12.6 Other adverse effects:** Presents little or no hazard to the environment

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Methods of disposal:** No special precautions are needed in handling this material  
Landfill is the recommended method of disposal  
If incineration is to be carried out, care must be exercised to prevent dust clouds forming

**EWC Waste Disposal Number:** 08 03 18

### Packaging

**Methods of disposal:** No special precautions are needed in handling this material.

## SECTION 14: Transport information

**14.1 UN number** Not regulated

**14.2 UN proper shipping name** Not regulated

**14.3 Transport hazard class(es)** Not classified

**14.4 Packing group** Not applicable

**14.5 Environmental hazards** Presents little or no hazard to the environment

**14.6 Special precautions for user:** No special precautions are needed in handling this material

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No. 1272/2008

**15.2 Chemical Safety Assessment:** Not applicable

## SECTION 16: Other information

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

### Notice to reader

*The information in this SDS is based on the present state of our knowledge and on current laws. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.*