

651/5768

# TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : March 5, 1998 MSDS No. : P4550PWJ6W  
Date of Revised : March 30, 2005 Page 1 of 5

## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-4550  
Used for : Toshiba Copiers, 4550  
Company Name : Toshiba TEC Corporation  
Address : 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo, 141-8664, Japan  
Telephone Number : +81-3-6422-7753  
Manufacturer Name : (1) Toshiba TEC Corporation, Mishima Works  
6-78 Minami-cho, Mishima-shi, 411-8520 Japan

Contact : (1) Toshiba America Information Systems, Inc.  
Emergency Telephone No. : +1-800-424-9300  
For calls within the U.S. only.  
(2) Toshiba of Canada Limited  
Telephone No. : +1-905-405-3500  
For calls within Canada only.  
(3) Toshiba TEC Germany Imaging Systems GmbH  
Telephone No. : +49-2131-1245-0  
(European Headquarter)  
(4) Toshiba (Australia) Pty, Ltd.  
Telephone No. : +61-2-98873322

## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s) : None  
Other Ingredient(s) :  

<u>INGREDIENT(S)</u>	<u>CAS No.</u>	<u>wt.%</u>
Aluminum alloy	7429-90-5	> 95
Coating		< 5
Polycarbonate	Trade secret	
OPC compound	Trade secret	
Organic pigment	Trade secret	

Trade secret : Supplier's confidential information  
This photo-conductive layer is constructed of no hazardous substances.  
This product is a so-called "article" and not subject to TSCA(USA) and EINECS(EC).

## SECTION 3 HAZARDS IDENTIFICATION

Routes of Exposure : None.  
Inhalation : Not applicable under intended use.  
Eye Contact : Not applicable under intended use.  
Dermal Contact : No irritating and sensitizing effect is expected at usual use as a photosensitive drum.  
Ingestion : Not applicable under intended use.  
Chronic Effects : See Section 11 Supplemental Health Information.  
Carcinogenicity : See Section 11 Supplemental Health Information.  
Medical Conditions Aggravated by Exposure to This Product : Not identified.

# MATERIAL SAFETY DATA SHEET

Product Identity : OD-4550

MSDS No. : P4550PWJ6W

Page 2 of 5

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## SECTION 4 FIRST AID MEASURES

Routes of Entry : None  
Eye Contact : Not applicable  
Skin Contact : Not applicable  
Ingestion : Not applicable  
Inhalation : Not applicable  
Note to Physician : None

## SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures  
Extinguishing Media : Product itself is non-combustible. Use appropriate agent for surrounding fire.  
Unusual Fire & Explosion Hazard : None  
Fire Fighting : None  
Fire and Explosive  
Flash Point ( C ) : Not applicable  
Flammable Limits : Not applicable  
Autoignition Temperature : Not applicable  
Hazardous Combustion Products : Carbon monoxide and carbon dioxide  
Other Properties : None

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions : Not applicable .  
Environmental Precautions : Not applicable .  
Method for Cleaning Up : Not applicable .  
Other Information : None

## SECTION 7 HANDLING AND STORAGE

Handling : No specific  
Storage : Avoid exposure to high temperatures.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls : Not required  
Personal Protection Equipment  
Eye Protection : Not required  
Skin Protection : Not required  
Respiratory Protection : Not required  
Other : None  
Work/Hygienic Practices : No data available

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# MATERIAL SAFETY DATA SHEET

Product Identity

: OD-4550

MSDS No. : P4550PWJ6W

Page 3 of 5

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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Deep purple  
Scent : Odorless  
Melting Point : No data available  
Specific Gravity(H<sub>2</sub>O=1) : 2.5 - 3.5 (as Aluminum)  
Vapor Pressure : Not applicable  
Vapor Density (Air=1) : Not applicable  
Flammability : Not flammable  
Autoignition Temperature (C) : Not applicable  
Explosive Properties : None  
Solubility in Water : Not applicable  
pH Value : Not applicable

## SECTION 10 STABILITY AND REACTIVITY

Stability : Stable  
Conditions to Avoid : None  
Materials to Avoid : None  
Hazardous Decomposition Products : Carbon monoxide, carbon dioxide and nitrogen oxides.  
Hazardous Polymerization: : Will not occur.  
Other Information : : None

## SECTION 11 SUPPLEMENTAL HEALTH INFORMATION

Acute toxicity  
Ingestion : LD50 is greater than 2,000mg/kg.  
Skin irritation : No data available  
Mutagenicity : Ames test.: Negative  
Chronic Toxicity : None  
Carcinogenicity  
IARC Monographs : Not listed  
NTP (USA) : Not listed  
OSHA Regulation(USA) : Not listed  
EU Directive : Not listed

## SECTION 12 ECOLOGICAL INFORMATION

No data available

## SECTION 13 DISPOSAL CONSIDERATION

Method of Disposal : Dispose under conditions which meet all federal, state and local environmental control regulations.

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# MATERIAL SAFETY DATA SHEET

Product Identity : OD-4550

MSDS No. : P4550PWJ6W

Page 4 of 5

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## SECTION 14 TRANSPORTATION INFORMATION

Special Precautions : None  
International Transport Information  
UN Classification Number : Not applicable  
DOT Identification Number : Not applicable  
Domestic Transportation : Not applicable

## SECTION 15 REGULATORY INFORMATION

### US/Canada Information

OSHA Hazard Communication Standard, 29CFR 1910. 1200  
: This product is considered to be an "article"  
CERCLA(Comprehensive Environmental Response Compensation and Liability Act)  
: None  
SARA Title III : Not required  
302 Extreme Hazardous Substance  
: None  
311/312 Hazardous Categories  
: None  
313 Reportable Ingredients : As this product is considered to be an "article", the substances in this  
product are not subject to reporting requirements of Section 313.  
California Proposition 65 : This product contains no chemical substances subject to California  
Proposition 65.

### EU Information

Label Information According to Directives 67/548 EEC & 88/379 EEC  
Symbol & Indication : Not required  
Risk Phrase : Not required  
Safety Advise Phrase : Not required  
The Subject of Specific Provisions in Relation to Protection of Man or the Environment.Directive 76/769/EEC  
: Not required  
National requirement : : No specific regulations or restrictions.

## SECTION 16 OTHER INFORMATION

### National Fire Protection Association (NFPA) Classification :

Flammability : 0  
Reactivity : 0  
Health : 0  
( 0 = insignificant, 1 = slight )

### Hazardous Materials Information Systems (HMIS) :

Red (Flammability) : 0  
Yellow (Reactivity) : 0  
Blue (Acute Effects) : 0

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# MATERIAL SAFETY DATA SHEET

Product Identity

: OD-4550

MSDS No. : P4550PWJ6W

Page 5 of 5

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Notice

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Abbreviation

- : (1) OSHA PEL stands for Permissible Exposure Limit under Occupational Safety and Health Administration (USA).
- (2) ACGIH TLV stands for Threshold Limit Value under American Conference of Governmental Industrial Hygienists (USA).
- (3) SARA Title III stands for Superfund Amendments and Reauthorization Act 1986 Title III
- (4) LD50 stands for Lethal Dose Fifty
- (5) IARC stands for International Agency for Research on Cancer.
- (6) NTP stands for National Toxicology Program (USA).
- (7) DOT stands for Department of Transportation (USA).

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