

# TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : March 16, 2001  
Date of Revised : January 6, 2006

MSDS No. : OD1600PW9W

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## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-1600  
Used for : Toshiba Copiers, e-STUDIO 16, 20, 25, 160, 200, 250, 232, 282 and 202L  
Toshiba Copiers, e-STUDIO 163, 165, 203, 205, 200L, 230, 230L, and 280

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 Business Solutions, 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) :

INGREDIENT(S)	CAS No.	wt. %
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.

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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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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Greenish organic films is firmly stuck on cylinder  
Scent : Odorless  
Melting Point : No data available  
Specific Gravity(H<sub>2</sub>O=1) : 1.2(coating). (2.7 as a whole)  
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 : Non-irritant (rabbit)  
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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## 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 & 1999/45 EC

Symbol & Indication : Not required

Risk Phrase : Not required

Safety Advise Phrase : Not required

76/769/EEC : All chemical substances in this product comply with all applicable rules or order under 76/769/EEC.

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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Notice

: Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility.  
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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).

Prepared by

: Toshiba TEC Corporation  
Quality Assurance Department  
6-78 Minami-cho, Mishima-shi, Shizuoka-ken,  
411-8520 Japan

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