

TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : January 13, 2009

MSDS No. : OD4530PW5W

Date of Revised : March 06, 2013

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SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-4530
Used for : Toshiba MFP, e-STUDIO 205L, 255, 305, 355 and 455
Toshiba MFP, e-STUDIO 206L,256,256SE,306,306SE,356,356SE,
456,and456SE,506,306LP

Company Name : Toshiba TEC Corporation
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Manufacturer Name : (1) Toshiba Tec Information Systems (ShenZhen) Co.,Ltd
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Contact : (1) Toshiba Tec Information Systems(ShenZhen)Co.,Ltd
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Telephone. No. : +65-6516-0380
(7) TAISHIBA INTERNATIONAL CO.,LTD.
Telephone. No. : +886-2-2718-7879 Ext.2750
For calls within Taiwan only.

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).

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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.

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.

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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

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Dark-greenish organic films is firmly stuck on cylinder
Scent : Odorless
Melting Point : No data available
Specific Gravity(H₂O=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 : No data available
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

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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.

SECTION 14 TRANSPORTATION INFORMATION

Special Precautions : None

International Transport Information

UN Classification Number : Not applicable

Land DOT 49 CFR, ADR : Not classified as Dangerous Goods

Sea IMDG Code : Not classified as Dangerous Goods

Air ICAO-TI : Not classified as Dangerous Goods

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.

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SECTION 16 OTHER INFORMATION

National Fire Protection Association (NFPA) Classification :

Flammability : 1

Reactivity : 0

Health : 0

(0 = insignificant, 1 = slight)

Hazardous Materials Information Systems (HMIS) :

Red (Flammability) : 1

Yellow (Reactivity) : 0

Blue (Acute Effects) : 0

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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).
