

# TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : March 17, 2011  
Date of Revised :

MSDS No. : PFC25PW1W

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## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-FC25  
Used for : Toshiba MFP, e-STUDIO 2040C, 2540C, 3040C, 3540C, and 4540C

Company Name : Toshiba TEC Corporation  
Address : 2-17-2, Higashi Gotanda, Shinagawa-ku, Tokyo, 141-8664 Japan  
Telephone Number : +81-3-6422-7700  
Manufacturer Name : (1) Toshiba Tec Information Systems (ShenZhen) Co.,Ltd  
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Telephone. No. : +49-2131-1245-0  
(European Headquarter)  
(4) Toshiba (Australia) Pty, Ltd.  
Telephone. No. : +61-2-98876000

## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

This product is categorized into Article groups.(Not chemical substance/mixture)

Hazardous Ingredient(s) : None

<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.  
Classification : Not classified as dangerous. (1999/45/EC)  
Most Important Hazards and Effects of the Products  
For Human Health : No symptoms expected with intended use.  
For the Environment: No data are available on the adverse effects of this product on the environment.  
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.  
For Others : None

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## SECTION 4 FIRST AID MEASURES

Routes of Entry : None  
Eye Contact : No treatment is required.  
Skin Contact : No treatment is required.  
Ingestion : No treatment is required.  
Inhalation : No treatment is required.  
Note to Physician : None

## SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures  
Extinguishing Media : CO2, water, foam and dry chemical  
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 with intended use.  
Environmental Precautions : Not applicable with intended use.  
Method for Cleaning Up : Not applicable with intended use.  
Other Information : None

## SECTION 7 HANDLING AND STORAGE

Handling  
Technical Measures: None  
Precautions: This product will be scorched in the case of fire.  
Safe Handling Advice: Avoid touching the photoconductor surface directly  
Storage  
Technical Measures: None  
Storage Conditions: Keep and Store in a cool , dry and dark place.  
Incompatible Products: None  
Packing Materials: None

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:None required with intended use.  
Control Parameters  
OSHA-PEL(USA): Not Applicable ACGIH-TLV(USA): Not Applicable  
DFG-MAK(EC): Not Applicable Worksafe-TWA(Austl): Not Applicable  
Personal Protective Equipment  
None required when used as intended in Toshiba Tec equipment.  
Hygiene Measures: Wash hands after handling.

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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Solid                      Form: Cylinder                      Color: Yellow-Green

Odor: Almost odorless

<<Results of the coated compounds on the aluminum substrate.>>

Boiling Point : Not applicable

Melting/Softening Point : No data available

Flash Point : Not applicable

pH : Not applicable

Explosion Properties : Not applicable

Density(g/cm<sup>3</sup>) : 1.2

Solubility in water : insoluble

Flammability : Not applicable

Oxidizing Properties : No data available

Ignition Temperature(°C) : No data available

Vapor Pressure : Not applicable

Partition Coefficient, n-Octanol/Water: Not applicable

## SECTION 10 STABILITY AND REACTIVITY

Stability : Stable

Conditions to Avoid : None

Materials to Avoid : None

Hazardous Decomposition Products

: None

Hazardous Reactions : None

Other Information : None

## SECTION 11 SUPPLEMENTAL HEALTH INFORMATION

Health Effects from Exposure : No symptoms expected with intended use.

Toxicological Data

<<Result of the coated compounds on the aluminum substrate.>>

Acute toxicity

Ingestion(oral),LD50(mg/kg) : 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

## 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

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

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

National requirement : : No specific regulations or restrictions.

Article14 (2.1) of Directive 1999/45/EC is not applicable to this product.

## 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

Recommended Uses:

Photoconductor for Electrophotographic Equipment

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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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