

TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : April 1, 2012

MSDS No. : PFC30PWC0W

Date of Revised :

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SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-FC30
Used for : Toshiba Copiers, e-STUDIO 2050C,2550C,2051C and 2551C
Company Name : Toshiba TEC Corporation
Address : 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo, 141-8664, Japan
Telephone Number : +81-3-6422-7700
Manufacturer Name : (1) Toshiba Tec Information Systems (ShenZhen) Co.,Ltd
Area 16, Dayang Development Zone, Fuyong, Baoan District,
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(6) TAISHIBA INTERNATIONAL CO.,LTD.
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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).

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.

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Medical Conditions Aggravated by Exposure to This Product
: Not identified.

For Others: None
Specific Hazards: None

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: None.
Storage
Technical Measures: None
Storage Conditions: Keep and Store in a cool and dry place.
Incompatible Products: None
Packing Materials: None

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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.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Solid Form: Cylinder Color: Dark 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/cm³) : 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

: Carbon monoxide, Carbon dioxide

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

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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

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

302 Extreme Hazardous Substance

: None

311/312 Hazardous Categories

: None

313 Reportable Ingredient : 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.

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

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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

Recommended Uses:

Photoconductor for Electrophotographic Equipment

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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).
