

# TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : January 15, 2013  
Date of Revised : June 1, 2014

MSDS No. : ODFC34YMCKPW3W

Page 1 of 4

## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-FC34K/OD-FC34Y/OD-FC34M/OD-FC34C (Drum included)  
Used for : Toshiba Copiers, e-STUIDO287CS/287CSL/347CS/347CSL/407CS  
Company Name : Toshiba TEC Corporation  
Address : Gatecity Ohsaki West Tower  
1-11-1, Osaki, Shinagawa-ku, Tokyo 141-0032, Japan  
Telephone Number : +81-3-6830-9300

Contact : (1) Toshiba America Business Solutions, Inc.  
Emergency Telephone. No. : CHEMTREC +1-800-424-9300  
For calls within the U.S. only.

(2) Toshiba of Canada Limited  
Telephone. No. : +1-905-470-3500  
For calls within Canada only.

(3) Toshiba TEC Germany Imaging Systems GmbH  
Telephone. No. : +49-2131-1245-0  
(European Headquarter)

Contact : (4) Toshiba (Australia) Pty, Ltd.  
Building C 12 - 24, Talavera Road, North Ryde, NSW 2113  
Telephone. No. : +61-2-98876000 (Business hours)  
Ph 13 11 26 (After hours, Australia)  
(Poisons Information Centre)

## SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : Green, odorless and solid cylinder. None hazardous product.

POTENTIAL HEALTH EFFECTS

: Based on animal testing, this product is presumed to be no health effects.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### COMPOSITION/INFORMATION

| Ingredients             | Proportion | CAS No.      |
|-------------------------|------------|--------------|
| Aluminium cylinder      | >97%       | Confidential |
| Binder resin            | <1%        | Confidential |
| Photosensitive material | <1%        | Confidential |
| Pigment                 | <1%        | Confidential |

## SECTION 4 FIRST AID MEASURES

IN CASE OF EYE CONTACT : No eye contact in normal use. If exposed to the dust of photoconductive layer, flush eyes with water. Get medical attention, if feels irritation.

IN CASE OF SKIN CONTACT : None treatment is required. If exposed to much of the dust of photoconductive layer, wash out with water.

IN CASE OF INHALATION : No inhalation in normal use. If exposed to the dust of photoconductive layer, get medical attention if cough or other symptoms develop.

IN CASE OF INGESTION : No ingestion in normal use. If swallowed the dust of photoconductive layer, induce vomiting as much as possible. Get medical attention, if feels something bad.

**SECTION 5 FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA : CO2, Dry chemical, Foam or Water  
SPECIAL FIRE-FIGHTING PROCEDURES : None

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS : None required under normal use.  
ENVIRONMENTAL PRECAUTIONS : None required under normal use.  
METHODS FOR CLEANING UP : Collect. No special precautions required in collection.

**SECTION 7 HANDLING AND STORAGE**

HANDLING : No special precaution. Do not touch the photoconductive layer directly, expose to organic solvent vapor or sunlight to prevent degradation.  
STORAGE : Store in normal temperature, normal humidity and dark place.  
Avoid dew condensation, organic solvent vapor.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

OCCUPATIONAL EXPOSURE LIMIT : ACGIH Not established.  
OSHA Not established.  
ENGINEERING MEASURES : No required.  
PERSONAL PROTECTIVE EQUIPMENT  
RESPIRATORY PROTECTION : None required.  
EYE PROTECTION : Use safety glasses.  
SKIN PROTECTION : No precautions.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR : Green, odorless and solid cylinder.  
DENSITY : 2.7  
VAPOR DENSITY : Not applicable.  
BOILING POINT : Not applicable.  
pH : Not applicable.  
MELTING POINT : Not available.  
LOG P o/w : Not applicable.  
VAPOUR PRESSURE : Not applicable.  
SOLUBILITY IN WATER : Insoluble.  
SOLUBILITY IN OTHER SOLVENT : Photoconductive layer is soluble in organic solvent like Tetrahydrofuran.  
FLASH POINT : Not applicable.  
AUTOIGNITION TEMPERATURE : Not applicable.  
FLAMMABLE LIMITS : Not applicable.

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**SECTION 10 STABILITY AND REACTIVITY**

STABILITY & REACTIVITY : Stable  
MATERIALS TO AVOID : Oxidizing material  
HAZARDOUS DECOMPOSITION : None

**SECTION 11 SUPPLEMENTAL HEALTH INFORMATION**

ACUTE TOXICITY  
Oral : [ rat ] LD50 >2,000mg/kg (Photoconductive layer)  
Skin : [ rabbit ] LD50 not available.  
SKIN IRRITATION : No skin irritation potential to the rabbit skin.  
(Photoconductive layer)  
EYE IRRITATION : Reversible and minimally eye irritation potential to the eyes of rabbits.  
(Photoconductive layer)  
SENSITIZING : Not available.  
CHRONIC TOXICITY : Not available.  
MUTAGENICITY : Negative in the Ames test. (Photoconductive layer)  
CARCINOGENICITY  
IARC : -  
ACGIH : -  
NTP : Not available.  
REPRODUCTIVE TOXICITY : Not available.

**SECTION 12 ECOLOGICAL INFORMATION**

No data available

**SECTION 13 DISPOSAL CONSIDERATION**

Any disposal practice should be done under conditions which meet local, state and federal laws and regulations relating to waste. (contact local or state environmental agency for specific rules.)

**SECTION 14 TRANSPORTATION INFORMATION**

UN Hazardous Class : None allocated.  
UN Number : None

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## SECTION 15 REGULATORY INFORMATION

This product do not fall in the category of the regulations and orders of section 6 and 7 of TSCA (Toxic Substance Control Act).

EU Information :

Safety, Health and Environmental Regulations/Legislation :

- (EC) No 1907/2006 :
  - Authorisation : Not regulated.
  - Restriction : Not regulated.
- (EC) No 1005/2009 : Not regulated.
- (EC) No 850/2004 : Not regulated.
- (EC) No 689/2008 : Not regulated.
- Others : None

Chemical Safety Assessment under (EC) No 1907/2006 : Not required

## SECTION 16 OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein.

Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions.

Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution.

The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

Changes from previous versions :

Revision date

June 1, 2014

Items required by GHS were added.

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