

E2007250

# MATERIAL SAFETY DATA SHEET

Preparation Date : MAR. 16, 2001  
Revision Date : MAY. 31, 2001

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## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Photoreceptor KT3343A  
 Used for : Process Unit "PU-16, PU1610S", PU1610DS,  
 "PU-1600N" for Copier DP-1600/2000/2500 and e-STUDIO160/200/250

Company Name : TOSHIBA TEC CORPORATION  
 Address : 1-1, Kanda Nishikicho, Chiyoda-ku, Tokyo 101-8442, Japan  
 Telephone Number : +81-3-3438-6854  
 Manufacturer Name : (1) TOSHIBA TEC CORPORATION, Mishima Business Center  
 6-78, Minami-cho, Mishima-shi, Shizuoka-ken, 411-8520 Japan

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

(2) Toshiba of Canada Limited  
 Tel. No.:905-405-35 For calls within Canada only.

(3) Toshiba Tec Germany Imaging Systems GmbH  
 Tel. No.: :+49-2131-1245-0

(4) Toshiba (Australia) Pty,Ltd.  
 Tel. No.: :+61-2-98873322

## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s) : None present  
Other Ingredient(s) :

<u>Generic Name</u>	<u>CAS No.</u>	<u>wt. %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum alloy	7429-90-5	> 95	15 mg/m3	10 mg/m3
Coating		< 5		
Polycarbonate	-----	-----	Not listed	Not listed
OPC compound	-----	-----	Not listed	Not listed
Organic pigment	-----	-----	Not listed	Not listed

This photo-conductive layer is composed 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 / Carcinogenicity :  
 None currently known. None of the components in this material is  
 listed by IARC, EU or ACGIH as a carcinogen.

Medical Conditions Aggravated by Exposure to This Products :  
 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 ( C ) : 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 : None data available

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Greenish organic films is firmly stuck on cylinder  
Scent : Odorless  
Melting Point : No data available

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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. and smoke.  
Hazardous Polymerization : Will not occur.  
Other Information : None

## SECTION 11 TOXICOLOGICAL 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.

## SECTION 14 TRANSPORTATION INFORMATION

Special Precautions : None  
International Transport Information  
UN Classification Number : Not applicable  
DOT Identification Number : Not applicable  
Domestic Transportation : Not applicable

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## SECTION 15 REGULATORY INFORMATION

### USA Information

OSHA Hazard Communication Standard, 29CFR 1910.1200 :

This product is considered to be an "article"

CERCLA(Comprehensive Environmental Response Compensation and Liability Ac: 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 &amp; 88/379 EEC :

Symbol &amp; Indication : Not required

Risk Phrase : Not required

Safety Advise Phrase : Not required

The Subject of Specific Provisions in Relation to Protection of Man or the Environment.

Directive 76/769/EEC : Not required

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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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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