



# MATERIAL SAFETY DATA SHEET

Date/ Revision: April 25, 2005

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Amorphous Silicon Photoconductive Drum  
Manufacturer  
Name : KYOCERA MITA CORPORATION  
Address : 2-28, 1-Chome, Tamatsukuri, Chuo-ku, Osaka, Japan, 540-8585  
Supplier  
Name : KYOCERA MITA Europe B.V  
Address : Hoeksteen 40, 2132 MS Hoofddorp, Netherlands  
Telephone Number : +31-(0)20-6540000

## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance or preparation ; Amorphous Silicon Thin Film deposited on Aluminum Cylinder  
Ingredients ;

Chemical Name(Common Name)	CAS No.	Weight %
Aluminum Cylinder	12616-83-0	>99
Photosensitive layer	-	<1
Amorphous Silicon Thin Film	7440-21-3	

## 3. HAZARDS IDENTIFICATION

Most Important Hazards : None  
Specific Hazards : None  
Other information on hazards : None

## 4. FIRST AID MEASURES

No special precaution.

## 5. FIRE FIGHTING MEASURES

No special precaution.

## 6. ACCIDENTAL RELEASE MEASURES

No special precaution.

## 7. HANDLING AND STORAGE

Handling : Avoid touching the photoconductor surface directly.  
Storage : Store in a cool, dry and dark place.  
Store in its cardboard container to prevent from chipping.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines : None  
Engineering Controls : None  
Personal Protection Equipment(s)  
Respiratory Protection : None required under normal use.  
Eye/Face Protection : None required under normal use.  
Skin Protection : None required under normal use.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state: Solid      Form: Cylinder      Color: Black      Odor: Odorless  
pH : Not applicable (Insoluble in water)  
Boiling Point : Not applicable  
Melting Point : Not applicable  
Specific Gravity : 2.7(H<sub>2</sub>O=1)  
Flash Point : Not applicable  
Ignition Temperature : Not applicable  
Solubility : Insoluble in water

---

## 10. STABILITY AND REACTIVITY

Stability : Stable  
Conditions to avoid : None  
Materials to Avoid : None  
Hazardous Decomposition Products : None

---

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity : No data available  
Skin irritation : No data available  
Skin sensitisation : No data available  
Mutagenicity : Ames Test is Negative.  
Reproductive Toxicity : No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and EU Directive(67/548/EEC).  
Carcinogenicity : No carcinogen or potential carcinogen according to IARC, JAOH, ACGIH, EPA, OSHA, NTP, ILO, MAK, California Proposition 65, TRGS 905 and EU Directive(67/548/EEC).  
Other information : None

---

## 12. ECOLOGICAL INFORMATION

No data available

---

## 13. DISPOSAL CONSIDERATIONS

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).

---

---

#### 14. TRANSPORT INFORMATION

UN No. :None  
UN Shipping Name :None  
UN Classification :None  
UN Packing Group :None  
Special Precautions :None

---

#### 15. REGULATORY INFORMATION

Label information according to the Directives 67/548/EEC and 1999/45/EC.

Symbol and Indication : Not required  
R-Phrase : Not required  
S-Phrase : Not required  
Dangerous Component(s) : None  
Other : None

---

#### 16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate.

However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

<Abbreviation>

ACGIH : American Conference of Governmental Industrial Hygienists  
EPA : Environmental Protection Agency(USA)  
IARC : International Agency for Research on Cancer  
ILO : International Labour Office  
JAOH : Japan Society for Occupational Health  
MAK : MAK(Maximale Arbeitsplatzkonzentrationen) unter Deutsche  
Forschungsgemeinschaft  
NTP : National Toxicology Program  
OSHA : Occupational Safety and Health Administration  
TRGS : Technische Regeln für Gefahrstoffe(Deutsche)  
UN : United Nations