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Products Name: DRUM (PHOTOCONDUCTOR) DU-105/DU-106

Prepared Date:14-Oct-2011

Revised Date: 4-Jan-2016

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

## Appearance

Physical State: Solid	Form: Cylinder	Color: 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	
Upper/ lower flammability or explosive limits	No data available	
Density(g/cm <sup>3</sup> ):	1.2	
Solubility in water:	insoluble	
Flammability:	Not applicable	
Oxidizing Properties:	No data available	
Auto-Ignition Temperature(°C):	No data available	
Vapor Pressure:	Not applicable	
Vapor density:	Not applicable	
Partition Coefficient, n-Octanol/Water:	Not applicable	
Decomposition temperature:	Not applicable	

(\* = Based on data for other Konica Minolta Products with similar ingredients)

**10. STABILITY AND REACTIVITY**

Reactivity:	None.
Stability:	Stable
Hazardous Reactions:	None
Conditions to avoid:	None
Materials to Avoid:	None
Hazardous Decomposition Products:	CO, CO2

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### 11. TOXICOLOGICAL INFORMATION

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

#### Toxicological Data

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

#### Acute Toxicity:

Inhalation, LC50(mg/l):	Not applicable
Ingestion(oral), LD50(mg/kg):	No data available
Dermal, LD50(mg/kg):	Not applicable
Eye irritation:	No data available
Skin irritation:	No data available
Skin sensitizer:	No data available
Mutagenicity:	negative * (AMES test)

Local Effects: No data available

Chronic Toxicity or Long Term Toxicity: None

#### Carcinogenicity

IARC Monographs:	Not listed
NTP(USA):	Not listed
OSHA Regulated(USA):	Not listed

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### 12. ECOLOGICAL INFORMATION

No data available

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### 13. DISPOSAL CONSIDERATION

#### Appropriate Methods of Disposal

Waste may be disposed or incinerated under conditions which meet all federal, state and local environmental regulations.

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### 14. TRANSPORT INFORMATION

Special Precautions: None

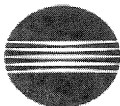
#### Information on Code and Classifications According to International Regulations

UN Classification: None

Further information: Not a dangerous good under IATA or IMDG.

Hazchem code (Austl.): None

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## 15. REGULATORY INFORMATION

### US Information

#### California Proposition 65:

This product contains no chemical substances subject to California Proposition 65.

#### CERCLA (Comprehensive Environmental Response Compensation and Liability Act) :

None.

#### SARA Title III (Superfund Amendments and Reauthorization Act) 302 Extreme Hazardous Substance :

None.

#### 311/312 Hazard Categories :

None.

#### 313 Reportable Ingredients :

None.

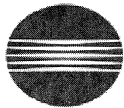
### EU Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- Regulation (EC) No 2037/2000 of the European Parliament and of the Council on Substances That Deplete the Ozone Layer: Not applicable
- Regulation (EC) No 850/2004 of the European Parliament and of the Council on Persistent Organic Pollutants and Amending Directive 79/117/EEC (POPs): Not applicable
- Regulation (EU) No 649/2012 of the European Parliament and of the Council on Concerning the Export and Import of Dangerous Chemicals (PIC): Not applicable
- Directive 2012/18/EU of the European Parliament and of the Council on the Control of Major-Accident Hazards Involving Dangerous Substances, Amending and Subsequently Repealing Council Directive 96/82/EC, (Seveso III): Not applicable
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council:
  - Annex XIV- List of Substances Subject To Authorization: Not applicable
  - Annex XVII- Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: Not applicable

For this product a chemical safety assessment was not carried out.

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## 16. OTHER INFORMATION

NFPA Hazard Rating: The National Fire Protection Agency(USA): Health: 0 Flammability: 1 Reactivity: 0

HMIS RATING: The National Paint and Coating Association(USA): Health: 0 Flammability: 1 Reactivity: 0

Recommended Uses: Photoconductor for Electrophotographic Equipment

### Abbreviations:

ACGIH-TWA: Threshold Limit Value of American Conference of Government Industrial Hygienists

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

DFG-MAK: Maximale Arbeitsplatz-Konzentration by Deutsche Forschungsgemeinschaft

DGR: Dangerous Goods Regulations

EINECS: European Inventory of Existing Commercial Chemical Substances

H-Code: Hazard Code

HMIS: Hazardous Materials Identification System

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code

NTP: National Toxicology Program

OEL: Occupational exposure limit

OSHA: Occupational Safety and Health Administration

PBT: Persistent, Bioaccumulative and Toxic

SARA: Superfund Amendments and Reauthorization Act

TSCA: Toxic Substances Control Act

vPvB: very Persistent and very Bioaccumulative

Revision Information: Regular revision on revised date.

### Literature References:

ANSI Z400.1-1993

ISO 11014-1

Commission Directive 91/155/EEC

### Restrictions:

The above information is believed to be accurate and represents the best information currently available to Our Corporation. However, Our Corporation makes no warranty with respect to such information, and Our Corporation assumes no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

