



Products Name: DRUM (PHOTOCONDUCTOR)

Prepared Date:27-Nov-2004

Revised Date: 6-Jan-2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: DRUM (PHOTOCONDUCTOR)

used for: magicolor
2400series/2405series/2430series/2435series/2450series/2480series/2490series

Supplier Identification:

Konica Minolta Business Solutions U.S.A., Inc.
100 Williams Drive, Ramsey, New Jersey 07446, U.S.A.
Telephone: 201-825-4000

Emergency Telephone No.

Contact your regional poison control center.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Major Ingredients:

Table with 3 columns: [Generic Name], [CAS No.], [%]. Rows include Substrate (Aluminium drum), Coating layer (Binder resin, Photosensitive material, Pigment).

+++: Supplier's confidential information

Hazardous Ingredients:

None present



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### 3. HAZARDS IDENTIFICATION

Emergency Overview: Green Cylinder

Almost odorless

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.

For Others: None

Specific Hazards: None

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### 4. FIRST-AID MEASURES

Symptoms of Overexposure:No symptoms expected with intended use.

Routes of Entry: None

Information

Inhalation: No treatment is required.

Skin Contact: No treatment is required.

Eye Contact: No treatment is required.

Ingestion: No treatment is required.

Note to Physician: None

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### 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: CO2, water, foam and dry chemical

Extinguishing Media to Avoid: None

Special Firefighting Procedures: None

Fire and Explosion Hazards: This material has no unusual fire or explosive hazards.

Protection of Firefighters: No special equipment is required.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Not applicable with intended use.

Environmental Precautions: Not applicable with intended use.

Methods for Cleaning Up: Not applicable with intended use.

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### 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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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Measures

Ventilation: 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 Konica Minolta equipment.

Hygiene Measures:    Wash hands after handling.

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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

Density(g/cm<sup>3</sup>):                    2.7

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

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

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## 10. STABILITY AND REACTIVITY

Stability: Stable [ X ]            Unstable [   ]

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): >2000 (Rat)

Dermal, LD50(mg/kg): Not applicable

Eye irritation: Very slight irritation (Rabbit)

Skin irritation: Non irritant (Rabbit)

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

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## 15. REGULATORY INFORMATION

### US Information

Information on the label: Not required

SARA(Superfund Amendments and Reauthorization Act) Title III

302 Extreme Hazardous Substance: None

311/312 Hazard Categories: None

313 Reportable Ingredients: None

California Proposition 65:

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

### EU Information

Information on the label(1999/45/EC and 67/548/EEC):

Symbol & Indication: Not required

R-Phrase: Not required

S-Phrase: Not required

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

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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

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.

Literature References:

ANSI Z400.1-1993

ISO 11014-1

Commission Directive 91/155/EEC

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