



# MATERIAL SAFETY DATA SHEET

## Section 1. Chemical Product and Company Identification

Product Name                    **Organic Photoconductor Drum for KM-3650w**  
Manufacturer                    Kyocera Mita Corporation  
Address                            Kyocera Mita America, Inc.  
    225 Sand Road  
    Fairfield, NJ 07004  
Telephone Number              (973)-808-8444  
Date                                 April 27, 2010

## Section 2. Composition/Information on Ingredients

| <i>Hazardous Components</i><br><i>(Chemical Identity, Common Name/s)</i>  | <i>OSHA PEL</i> | <i>ACGIH TLV</i> | <i>NOHSC</i> | <i>%</i> |
|---|-----------------|------------------|--------------|----------|
| THE DRUM IS AN "ARTICLE" BY OSHA DEFINITION, NOT A "CHEMICAL".<br>IT DOES NOT RELEASE, OR OTHERWISE RESULT IN EXPOSURE TO, ANY<br>HAZARDOUS CHEMICALS UNDER NORMAL CONDITIONS OF USE. |                 |                  |              |          |

## Section 3. Hazards Identification

### Emergency Overview

Green, odorless and solid cylinder. Non hazardous product.

### Potential Health Effects

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

## Section 4. First Aid Measures

Eyes:                    No eye contact during normal use. If exposed to the dust of photoconductive layer, flush eyes with water. Seek medical treatment if irritation develops.

Skin:                    No treatment is required. If exposed to much of the dust of the photoconductive layer, wash with water.

Ingestion:              No ingestion during normal use. If dust of the photoconductive layer is ingested, induce vomiting and seek medical treatment.

Inhalation:             No inhalation during normal use. If exposed to the dust of photoconductive layer, seek medical treatment if cough or irritation develops.

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## Section 5. Fire Fighting Measures

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|                         |   |
|-------------------------|---|
| Flammable Properties    | Not applicable                                |
| Flash Point             | Not applicable                                |
| Flammable Limits        | LFL: Not applicable<br>UFL: Not applicable    |
| Extinguishing Media     | CO <sub>2</sub> , Dry chemical, Foam or Water |
| Fire-fighting Equipment | Suitable personal protective equipment.       |

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## Section 6. Accidental Release Measures

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|                           |                                 |
|---------------------------|---------------------------------|
| Personal Precautions      | None required under normal use. |
| Environmental Precautions | None required under normal use. |
| Method for Cleaning Up    | No special precautions.         |

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## Section 7. Handling and Storage

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|          |   |
|----------|---|
| Handling | No special precaution. Do not touch the photoconductive layer directly, nor 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.                                     |

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## Section 8. Exposure Controls/Personal Protection

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|----------------------------------|---|
| Exposure Guidelines              | ACGIH: Not Established<br>OSHA: Not Established |
| Engineering Measures             | Not required                                    |
| Personal Protection Equipment(s) |   |
| Respiratory Protection           | None required under normal use.                 |
| Eye Protection                   | Use safety glass.                               |
| Skin Protection                  | None required under normal use.                 |

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## Section 9. Physical and Chemical Properties

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|                      |   |
|----------------------|---|
| Appearance           | Green solid cylinder  |
| Odor                 | Odorless  |
| Boiling Point        | Not applicable  |
| Vap Press            | Not applicable  |
| Vap Density          | Not applicable  |
| SP Gravity           | 2.7   |
| Sol in water         | Insoluble   |
| Sol in other solvent | Photoconductive layer is soluble in organic solvent like Tetrahydrofuran. |

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## Section 10. Stability and Reactivity

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|                                  |        |
|----------------------------------|--------|
| Stability                        | Stable |
| Hazardous Decomposition Products | None   |
| Hazardous Polymerization         | None   |

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## Section 11. Toxicological Information

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|                       |  |
|-----------------------|--|
| Acute Toxicity        | oral (rat) LD <sub>50</sub> >2,000mg/kg <sup>(1)</sup> (Photoconductive layer)<br>skin (rabbit) LD <sub>50</sub> not available |
| Skin Irritation       | No skin irritation was noted in the two week rabbit dermal toxicity study <sup>(2)</sup><br>(Photoconductive layer)            |
| Eye Irritation        | Reversible and minimal eye irritation potential to the eyes of rabbits <sup>(3)</sup><br>(Photoconductive layer)               |
| Sensitizing           | Not available  |
| Chronic Toxicity      | Not available  |
| Mutagenicity          | Negative in the Ames Test <sup>(4)</sup> (Photoconductive layer)   |
| Carcinogenicity       | IARC, ACGIH, NTP: Not available  |
| Reproductive Toxicity | Not available  |

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## Section 12. Ecological Information

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No data available.

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## Section 13. Disposal Considerations

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Dispose in accordance with local, state and federal regulations.  
Contact local or state environmental agency for specific rules.  
Used OPC drum is considered as a nonflammable waste.

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## Section 14. Transport Information

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UN HAZ Class                                  None.

UN No.    None.

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## Section 15. Regulatory Information

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TSCA: This product does not fall in the category of the regulations and orders of Section 6 and 7 of TSCA  
(Toxic Substance Control Act)

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## Section 16. Other Information

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### REFERENCES

- (1) - (3) Test data of Mitsubishi Chemical Safety Institute Ltd.
- (4) Test data of General Testing Research Center, Japan Oilstuff Inspector's Corporation

### MSDS STATUS

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.

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End of MSDS

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