

**SAFETY DATA SHEET**

Z17478101000

MSDS No.1061

**Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Photocunductive Drum for KIP 700m  
 DISTRIBUTOR'S NAME: KATSURAGAWA ELECTLIC CO.,LTD.  
 DISTRIBUTOR'S ADDRESS : 21-1, Shimomaruko 4-chome, Ota-ku, Tokyo 146-8585, Japan  
 TELEPHONE NUMBER: 81-3-3758-3550  
 FACSIMILE NUMBER: 81-3-3758-7568

**Section 2. HAZARDS IDENTIFICATION**

Crassification of GHS : Not applicable  
 Physical and Chemical Hazard : No significant hazards associated with this product  
 Potential Health Effects : No significant hazards associated with this product  
 Environmental Effects : No significant hazards associated with this product

**Section 3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	wt%	CAS	OSHA PEL	ACGIH TLV
Aluminum	99.4wt%	7429-90-5	15mg/m <sup>3</sup> *	10mg/m <sup>3</sup> (TWA)*
Titanium Dioxide	< 1.0wt%	13463-67-7	15mg/m <sup>3</sup>	10mg/m <sup>3</sup> (TWA)
Phthalocyanine Compound	< 0.1wt%	-----	-----	-----
Aromatic amine compound	< 1.0wt%	-----	-----	-----
Polycarbonate resin	< 2.0wt%	-----	-----	-----
Silicon oil	< 0.1wt%	-----	-----	-----

\* Listed not as aluminum tube but as aluminum dust

**Section 4. FIRST AID MEASURES**

## First Aid Measures

Ingestion : Not applicable under normal use  
 Inhalation : Not applicable under normal use  
 Eye contact : Not applicable under normal use  
 Skin contact : Not applicable under normal use

**Section 5. FIRE FIGHTING MEASURES**

Extinguish Media : CO<sub>2</sub>, Dry chemicals

## Special Fire Fighting Procedures :

Use self contained breathing apparatus and full protection against dust and fumes  
 in case that a large quantity of drums produces fumes or vapors at a high temperature.

Unusual Fire and Explosion Hazards : None under normal storage and use conditions.

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**Section 6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions : No special precaution  
Environmental Precautions : No special precaution  
Method for Cleaning Up : No special precaution

**Section 7. HANDLING AND STORAGE**

Handling : No special precaution concerning safety  
Storage : To keep the function of the drum, store in moderately cool,  
dark and dry place

**Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION**

Exposure Guidelines : None  
Engineering Controls : Not required under normal use  
Personal Protection Equipment(s)  
Respiratory Protection :Not required under normal use  
Eye/Face Protection :Not required under normal use  
Skin Protection :Not required under normal use

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Green cylinder  
Odor : No odor  
pH : Not applicable  
Boiling Point : No data available  
Melting Point : No data available  
Decomposition Temperature : No data available  
Flash point : No data available  
Flammable (explosive) Limits : Not applicable  
Autoignition Temperature : No data available  
Flammability : Not applicable  
Explosive Properties : Not applicable  
Oxidizing Properties : Not applicable  
Vapor pressure : Not applicable  
Vapor density : Not applicable  
Density/Specific Gravity : 2.7(H<sub>2</sub>O=1)  
Water Solubility : Negligible  
Fat Solubility : No data available  
Partition Coefficient (n-Octanol/Water) : No data available  
Percent Volatile : No data available  
Evaporation Rate : No data available

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**Section 10. STABILITY AND REACTIVITY**

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Stability	: Stable
Conditions to avoid	: No data available
Materials to Avoid	: Strong oxidizing agents and organic solvents
Hazardous Decomposition Products	: None under normal use
Hazardous Polymerization	: Will not occur
Conditions to avoid	: No data available

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**Section 11. TOXICOLOGICAL INFORMATION**

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Acute Oral Toxicity	: No data available
Acute Dermal Toxicity	: No data available
Acute Inhalation toxicity	: No data available
Acute eye irritation	: No data available
Acute skin irritation	: No data available
Skin sensitization	: No data available
Mutagenecity	: Negative in Ames Test (coating material)
Reproductive Toxicity	: No reproductive toxicity according to MAK, Proposition 65, TRGS 905 and EU directive.
Carcinogenecity	: No carcinogen or potential carcinogen according to IARC, Japan Association on Industrial Health, ACGIH,EPA, OSHA, NTP, ILO, MAK, Proposition 65, TRGS 905 and EU Directive.
Others	: None

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**Section 12. ECOLOGICAL INFORMATION**

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Mobility	: No data available
Persistence Degradability	: No data available
Bioaccumulation	: No data available
Ecotoxicity	: No data available
Other Adverse Effect	: No data available

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**Section 13. DISPOSAL CONSIDERATIONS**

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Method of Disposal	: OPC drum may be disposed as the waste aluminum in accordance with local, state and federal regulations.
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**Section 14. TRANSPORT INFORMATION**

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UN No.	: None
UN Shipping Name	: None
Un Classification	: None
UN Packing Group	: None
Special Precaution	: None

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**Section 15. REGULATORY INFORMATION**

Label information according to the Directives 1999/45/EC and 67/548/EEC (EU)

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

Candidate List of SVHC (\*):

The product does not contain SVHC substances that are intentionally introduced.

(\*) Candidate List of substances of Very High Concern brings new duties for companies.

(ECHA/PR/08/38/-REV,28 October 2008, ECHA/PR/10/01, 13 Jan 2010)

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**Section 16. CONTACT ROUTE**

Contact department  
Contact person

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**Section 17. 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.