

Material Safety Data Sheet

Issue Date : 2008.2.7

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Photoconductor used in drum cartridge
 Used for : F-300/305/520/525/560/565 MFX-1330/1350/1430/1450/2030/2050 ReorderNo : DK2030US
 COMPANY NAME : Murata Machinery, Ltd.
 ADDRESS : 136, Takeda-Mukaishiro-cho, Fushimi-ku, Kyoto 612-8686, Japan
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2. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance or preparation ; Mixture

Ingredients ;

| Chemical Name(Common Name) | CAS No. | eight % |
|----------------------------|--------------|---------|
| Aluminum Cylinder | 7429-90-5 | >98 |
| Photosensitive layer | - | <2 |
| Polycarbonate resin | Confidential | |
| Photosensitive material | Confidential | |
| Pigment | Confidential | |

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.

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: Dark Red Odor: Odorless
pH : Not applicable (Insoluble in water)
Boiling Point : Not applicable
Melting Point : >150°C
Specific Gravity : 1.2(H₂O=1)(Coating layer)
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

Do not dispose of the waste drum as domestic, general waste.

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 88/379/EEC and 67/548/EEC(EU)

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 : Nnited Nations