

Product Name

Issue Date : Nov. 10, 2006

Photoconductor Drum

MSDS No. : D06-001

**Section 1 – Chemical product and company identification**

Product name: Organic photoconductor drum for Models DR-200, DR-250, DR-300, DR-350, DR-400, DR-500, DR-510, DR-520, DR-600, DR-700, DR-2000, DR-2025, DR-2050, DR-2075, DR-3000, DR-3100, DR-4000, DR-5500, DR-6000, DR-7000 and DR-8000

Manufacturer: Brother Industries, Ltd.  
 Printing & Solutions Company  
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 Telephone (for information): +81-52-824-2735

Importer in USA: Brother International Corporation  
 100 Somerset Corporate Boulevard, P.O. Box 6911, Bridgewater, NJ 08807-0911, USA  
 Telephone (for information): 800-284-4329

Importer in Canada: Brother International Corporation (Canada) Ltd.  
 1 Hotel De Ville, Dollard des Ormeaux, Quebec, H9B 3H6, Canada  
 Telephone (for information): 514-685-0600

Importer in Europe: Brother International Europe Ltd.  
 Brother House, 1 Tame Street, Guide Bridge, Audenshaw, Manchester M34 5JE, UK  
 Telephone (for information): +44-161-330-6531

Importer in Australia: Brother International (Aust.) Pty. Ltd. ACN 001 393 835  
 7 Khartoum Road, North Ryde, N.S.W. 2113, Australia  
 Telephone (for information): 02-9887-4344

We do not provide 24 hour cover for information contact. Please telephone to the above office appropriate to you during our business hours.

**Section 2- Composition / information on ingredients**

Substance or preparation : Mixture

Ingredients:

<u>Chemical name (common name)</u>	<u>CAS No.</u>	<u>Weight %</u>
Aluminum cylinder	7429-90-5	>98
Photosensitive layer	-	<2
Polycarbonate resin	Confidential	
Photosensitive material	Confidential	
Pigment	Confidential	

**Section 3 – Hazards identification**

Most important hazards : None

Specific hazards : None

Other information on hazards : None

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**Section 4 - First aid measures**

No special precaution.

**Section 5 - Fire fighting measures**

No special precaution.

**Section 6 - Accidental release measures**

No special precaution.

**Section 7 - Handling and storage**

Handling : Avoid touching the photoconductor surface directly.  
Storage : Store in a cool, dry and dark place.

**Section 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.

**Section 9 - Physical and chemical properties**

Appearance

Physical state: Solid      Form: Cylinder      Color: Green or Black      Odor: Odorless  
pH : Not applicable (insoluble in water)  
Boiling point : Not applicable  
Melting point : >150°C  
Specific gravity : 1.1 - 1.2 (H<sub>2</sub>O=1) (Coating layer)  
Flash point : Not applicable  
Ignition temperature : Not applicable  
Solubility : Insoluble in water

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**Section 10 - Chemical stability and reactivity information**

Stability : Stable  
Conditions to avoid : None  
Materials to avoid : None  
Hazardous decomposition products : None

**Section 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

**Section 12 - Ecological information**

No data available

**Section 13 - Disposal considerations**

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

**Section 14 - Transportation information**

UN No. : None  
UN shipping name : None  
UN classification : None  
UN packing group : None  
Special precautions : None

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**Section 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

**Section 16 - Other information**

This document is based on our knowledge at the time of preparation. While Brother Industries, Ltd. believes that the data contained herein are accurate, many of the data have been derived from outside sources and we cannot assume any liability as to the accuracy of the data. They are offered solely for your information.

This document covers only normal conditions of use and handling. When using product under unintended conditions, user is responsible to examine proper precautions for any particular use.

<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 : United Nations