

Product Name

Issue Date : Oct. 2, 2008

DR-2005 Drum

MSDS No. : ALLD08-002

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

Product name: Organic photoconductor drum for Models DR-2005

Manufacturer: Brother Industries, Ltd.  
Printing & Solutions Company  
1-1-1, Kawagishi, Mizuho-ku, Nagoya 467-8562, Japan  
Telephone (for information): +81-52-824-2735

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

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 – Hazards identification**

EC Classification: Not classified as hazardous according to EU Directive 1999/45/EC.  
Most important hazards: None  
Specific hazards: None  
Other information on hazards: None

**Section 3- 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 4 - First aid measures**

No special precaution.

**Section 5 - Fire fighting measures**

No special precaution.

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**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

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

Stability: Stable

Conditions to avoid: None

Materials to avoid: None

Hazardous decomposition products: None

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**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

**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

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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