

Product Name

Issue Date : Dec. 25, 2003

DR-600 / DR-700 / DR-4000 / DR-5500 Drum

MSDS No. : AMLD002

Section 1 – Chemical product and company identification

Product name: Organic photoconductor drum for Models DR-600, DR-700, DR-4000 and DR-5500

Manufacturer: Brother Industries, Ltd.
 Information & Document Company
 1-1-1, Kawagishi, Mizuho-ku, Nagoya 467-8562, Japan
 Telephone (for information): +81-52-824-2545

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: 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

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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) under Deutsche Forschungsgemeinschaft
NTP	: National Toxicology Program
OSHA	: Occupational Safety and Health Administration
TRGS	: Technische Regeln für Gefahrstoffe (Deutsche)
UN	: United Nations