

Product Name
Thermal paper (for mobile printer)

Date: March 30, 2009
Revised: February 9, 2010
Version number: 2

PSIS No. 5V9912-E1

Brother Industries, Ltd.
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Product Name: Thermal Paper (for mobile printer)
With regard to the model number, attached please find the model number list.

The above product consists of the following major part(s) and component(s).
Attached also please refer to the MSDS(s) accordingly.

<Name of part/component>	<Material>	<MSDS#>
1) PAPER(thermal paper)	Paper	5V9912-ME1
2) TAPE SPOOL	Paper or PS	--

Model Number List

The model number to be covered with PSIS#5V9912-E1 is as bellow.

PA-R-411 PA-C-412
PA-R-410 PA-C-410
PA-C-411

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Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

Product name: Thermal paper (for mobile printer)

Use of Product: This product is thermal paper for Brother Industries, Ltd. mobile printer.

Manufacturer: Brother Industries, Ltd.

15-1 Naeshiro-cho, Mizuho-ku, Nagoya 467-8561, Japan

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): +1-800-284-4329

Importer in Canada: Brother International Corporation (Canada) Ltd.

1 Hotel de Ville, Dollard des Ormeaux, Quebec, H9B 3H6, Canada

Telephone (for information): +1-514-685-0600

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

Level 3, Building A, 11 Talavera Road, Macquarie Park, NSW 2113, Australia

Telephone (for information): +61-2-9887-4344

We do not provide 24-hour cover, for information please telephone the appropriate office during business hours.

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Section 2 - Hazards identification

Potential Health Effect:

Skin contact:

None currently known.

Eye contact:

None currently known.

Inhalation:

Not applicable.

Ingestion:

None currently known.

EU Classification:

Not classified as hazardous according to EU Directive 1999/45/EC.

Australia Classification

Not classified as hazardous according to the criteria of NOHSC.

Section 3 - Composition / information on ingredients

Chemical name: Thermal paper (Article)

Ingredients:

Component/ Substance	CAS Number	EU Number	%Wt.	EU Symbol letters / R Phrases
Cellulose	--	--	--	Not classified
Pigment	--	--	--	Not classified
Dye stuff	--	--	--	Not classified
Developer	--	--	--	Not classified
Sensitizer	--	--	--	Not classified
Binder	--	--	--	Not classified

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Section 4 - First aid measures

If irritation occurs or persists from any route of exposure, remove the affected individual from the area and seek medical assistance.

Eye contact:

If get the paper dust in eye, flush with clean water and consult a doctor immediately.

Skin contact:

If symptoms occur, consult a doctor immediately.

Inhalation:

Not applicable.

Ingestion:

Have vomited it and consult a doctor immediately.

Section 5 - Fire fighting measures

Extinguishing media:

Dry chemicals, CO₂, water spray or foam are recommended media.

Unusual fire and explosion hazards:

None. However it is flammable when exposed direct flame.

Special protective equipment for firefighters:

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

Section 6 - Accidental release measures

Personal precautions:

Nothing special.

Environmental precautions:

Nothing special.

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Section 7 - Handling and storage

Handling:

Keep out of the reach of children.
Keep away from fire and shock.

Storage:

Keep out of the reach of children.
Avoid high temperatures / high humidity or low temperature.
Keep at the following conditions.

Temperature: -10° C~45° C

Humidity: 5%~80%

Max. wet-bulb temperature: <30° C

Keep carton and/or bag closed.
Keep away from water or chemicals.

Section 8 - Exposure controls / personal protection

Exposure limit value: Not applicable.

Ventilation: Good general ventilation should be sufficient under normal use.

Personal protective equipment:

Eye/face: No required for general use.

Skin: No required for general use.

Respiratory: No required for general use.

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Section 9 - Physical and chemical properties

Appearance:	Surface base material, thermal paper
Odor:	No smell
Color:	White
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not applicable
Flash point:	No data available
Flammability (solid, gas):	Yes
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapour pressure:	No data available
Relative density:	No data available
Solubility:	No data available
Water solubility:	No data available
Partition coefficient:n-octanol/water:	No data available
Viscosity:	No data available
Vapour density:	No data available
Evaporation rate:	No data available

Section 10 - Stability and reactivity

Stability:	Stable
Conditions to avoid:	No data available
Materials to avoid:	No data available
Hazardous decomposition products:	No data available

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Section 11 - Toxicological information

Acute oral toxicity:	No data available
Acute inhalation toxicity:	No data available
Skin irritation:	No data available
Eye irritation:	No data available
Mutagenicity:	No data available
Skin Sensitization (LLNA)	No data available

Section 12 - Ecological information

No data available on the adverse effects of this product on the environment.

Ecotoxicity:	No data available
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulation potential:	No data available

Section 13 - Disposal considerations

Dispose of in compliance with Federal, State and local regulations.

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Section 14 - Transportation information

U.N. Recommendations on the Transport of Dangerous Goods: Not applicable

U.N. Number: None

U.N. Classification: None

Section 15 - Regulatory information

Information on the label (according to 1999/45/EC and 67/548/EEC)

Symbol, R-Phrase, S-Phrase: Not required.

Canada Information

WHMIS Controlled Product: Not applicable (Manufactured article)

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.