

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name(s): Ink film for use in PC401, PC-451, PC501, PC-551, PC400RF, PC402RF, PC404RF and PCASA4RF

Description: This product is used with Brother Industries, Ltd. fax machines, FAX 56X series, FAX 575 series, FAX 72X series, FAX 73X series, FAX 827 series and FAX 837 series.

Manufacturer: Brother Industries, Ltd.  
Printing and Solutions Company  
1-1-1, Kawagishi, Mizuho-ku, Nagoya 467-8562, 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): 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 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 – HAZARDS IDENTIFICATION

Emergency Overview:

This product is a polyethylene terephthalate film coated with black solid ink with slight odor.

Potential Health Effect:

None currently known

Potential Environmental Effect:

Not available

**Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% Wt.</u>
Polyethylene Terephthalate Film	25038-59-9	-	-	49 - 53
Coating layer substances				
Carbon Black	1333-86-4	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	6 - 10
Paraffin wax	8002-74-2	-	2.0 mg/m <sup>3</sup>	22 - 27
Carnauba Wax	Confidential	-	-	3 - 8
Resin	Confidential	-	-	8 - 13
Pigment	Confidential	-	-	0.5 - 1

**Section 4 - FIRST AID MEASURES**

Eyes:

No eye contact in normal use. If exposed, flush eyes with running water.  
 If irritation persists, seek medical attention.

Skin:

If contacted, wash skin with soap and water.

Ingestion:

Not applicable.

Inhalation:

Not applicable.

**Section 5 - FIRE FIGHTING MEASURES**

Flash Point: Not available

Flammable Limit LEL: Not applicable

UEL: Not applicable

Extinguishing Media: CO<sub>2</sub>, water, dry chemical and foam

Special Fire Fighting Procedures:

For large quantities (i.e. truckload or pallet) involved in a fire, firefighters should wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards:

None

**Section 6 - ACCIDENTAL RELEASE MEASURES**

Rumpling the product may cause the wax layer to peel off. Sweep up or vacuum it. When sweeping, avoid raising film or dust. If a vacuum cleaner is used, motor should be rated as dust tight. Wash any residue off skin with soap and water. Garments may be washed or dry cleaned after removal of loose film or dust.

**Section 7 - HANDLING AND STORAGE**

No special precautions for safety reason.

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Controls: Not required  
Respiratory Protection: Not required  
Protective Gloves: Not required  
Eye Protection: Not required

**Section 9 - PHYSICAL & CHEMICAL PROPERTIES**

Appearance	: Black solid (ink)	Odor	: Slight odor
pH	: Not applicable	Boiling Point	: Not applicable
Melting Point	: > 250 °C (for film)	Flash Point	: Not available
Fire Point	: > 480 °C (for film)	Vapor Density	: Not applicable
Vapor Pressure	: Not applicable	Density (g/cm3)	: About 1.4 (for film)
Solubility in water	: Insoluble		

**Section 10 - STABILITY & REACTIVITY**

Stability: Stable  
Incompatibility: None  
Hazardous Decomposition Products: CO, CO<sub>2</sub>, NO<sub>x</sub>, H<sub>2</sub>O, etc.  
Hazardous Polymerization: Will not occur.

**Section 11 - TOXICOLOGICAL INFORMATION**

Acute Toxicity: None currently known  
Eye Effects: None currently known  
Skin Effects: None currently known  
Carcinogenicity: Carbon Black: IARC Group 2B (for carbon black powder through inhalation route)  
It is not applicable to this product because inhalation of carbon black powder does not occur.

**Section 12 - ECOLOGICAL INFORMATION**

Not available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose by the same method of ordinary plastic products in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations. If necessary, contact government office and ensure conformity with disposal regulations.

Section 14 - TRANSPORTATION INFORMATION

No special precautions for safety reason.

UN Number: None

UN Classification: None

Section 15 - REGULATORY INFORMATION

Not classified as hazardous.

R-Phrase: Not required

S-Phrase: Not required

Section 16 - OTHER INFORMATION

This document is based on our knowledge at the time of preparation. While we believe 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.

End of MSDS No.: T7T8\_08-02