

Date of issue : 27 May, 2015

Revision Date : \_\_\_\_\_

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE  
AND OF THE COMPANY / UNDERTAKING**

PRODUCT NAME : Ink of Thermal Transfer Ribbon for Panasonic Plain Paper Fax

PRODUCT NUMBER : KX-FA54A, KX-FA54A7, KX-FA54E, KX-FA54X, KX-FA57A, KX-FA57A7,  
KX-FA57E, KX-FA65, KX-FA92, KX-FA93, KX-FA132, KX-FA133, KX-FA133X,  
KX-FA134, KX-FA135, KX-FA135X, KX-FA136, KX-FA136A, KX-FA136A7,  
KX-FA136A-E, KX-FA136X, KX-FA137, KX-FA138C, KX-FA300E

RECOMMENDED USE : Ink for Thermal Transfer printing apparatus

MANUFACTURER : Panasonic System Networks Co., Ltd.  
Office Products Business Division  
4-1-62 Minoshima, Hakata-ku, Fukuoka City, 812-8531 Japan  
Tel : +81-(0)92-477-1405 Fax : +81-(0)92-477-1487**SECTION 2 HAZARDOUS IDENTIFICATION**

GHS CLASSIFICATION : Classification not possible

GHS LABEL ELEMENTS

PICTOGRAMS OR SYMBOLS : Not required

SIGNAL WORD : Not required

HAZARD STATEMENTS : Not required

OTHER HAZARDS : None

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

SUBSTANCE OR MIXTURE : Mixture

INGREDIENTS(Common Name)	CAS #	CONTENTS(Wt%)
[INK]		
♦ Paraffin wax	8002-74-2	29.0 - 33.0
♦ Carbon black	1333-86-4	6.0 - 9.0
♦ Resin	Trade secret	4.5 - 6.5
♦ Carnauba wax	8015-86-9	2.0 - 3.0
♦ Ethylene-vinyl acetate copolymer	24937-78-8	1.0 - 3.0
♦ Pigment A	557-05-1	0.5 - 0.9
♦ Pigment B	Trade secret	< 0.6
[FILM]		
♦ Polyethylene terephthalate	25038-59-9	48.0 - 53.0

**SECTION 4 FIRST AID MEASURES**

INHALATION : Get medical advice/attention if you feel unwell.

INGESTION : Wash mouth with water and get medical advice.

SKIN CONTACT : Wash thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

EYE CONTACT : Rinse with plenty of water and seek medical advice if any irritation remains.

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### **SECTION 5 FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA : Water, Foam, CO2, Dry chemical and others.  
UNSUITABLE EXTINGUISHING MEDIA : No information available.  
SPECIFIC HAZARDS : Hazardous combustion products may include carbon monoxide, carbon dioxide (CO2).  
SPECIFIC METHOD : Fight fire from upwind position if possible.  
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS :  
Fire fighters should wear suitable protective clothing and self-contained breathing apparatus.

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### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS : Wear appropriate personal protective equipment as specified in section 8.  
ENVIRONMENTAL PRECAUTIONS : Do not release into soil, sewers, river, or the public water courses.  
CLEAN-UP METHODS : Sweep up and collect spilled product.

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### **SECTION 7 HANDLING AND STORAGE**

HANDLING :  
TECHNICAL MEASURES : Refer to Section 8.  
SAFE HANDLING ADVICE : Handle in well ventilated area. Prohibition of dropping and throwing. Wash hands thoroughly after handling.  
STORAGE :  
SUITABLE STORAGE CONDITIONS : Keep away from heat and direct sunlight. Store in cool, dry, well ventilated area.  
SAFE PACKAGING MATERIAL : No information available.

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### **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING MEASURES :  
LOCAL EXHAUST : None required under normal conditions of use.  
PERSONAL PROTECTIVE EQUIPMENT :  
RESPIRATORY PROTECTIONS : None required under normal conditions of use.  
HAND PROTECTION : It is not needed in particular, but wearing of protection gloves is preferable to prevent soiling of hands.  
EYE PROTECTION : None required under normal conditions of use.  
SKIN AND BODY PROTECTION : None required under normal conditions of use.

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### **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE :  
FORM : Ribbon  
COLOR : Black  
ODOR : None  
INFORMATION :  
pH : No data available  
BOILING POINT (°C): No data available  
FLASH POINT (°C): No data available  
FIRE POINT (°C): Above 480 (film)  
MELTING POINT (°C): Above 250 (film)  
EXPLOSION PROPERTIES (°C): This product is considered a no explosive material under normal use condition.  
VAPOR PRESSURE (pa): No data available  
VAPOR DENSITY (AIR = 1): No data available  
DENSITY (g/cm3): Approx. 1.4 (film)

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SOLUBILITY :  
WATER SOLUBILITY (g/L): Insoluble  
OCTANOL/WATER PARTITION COEFFICIENT : Not known

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#### **SECTION 10 STABILITY AND REACTIVITY**

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REACTIVITY : No hazardous reaction if stored and handled as prescribed.  
STABILITY : Stable under normal conditions of use.  
CONDITIONS TO AVOID : No information available.  
MATERIALS TO AVOID : No information available.  
HAZARDOUS DECOMPOSITION PRODUCTS : No dangerous decomposition products known.

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#### **SECTION 11 TOXICOLOGICAL INFORMATION**

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ACUTE TOXICITY : No data  
SKIN CORROSION/IRRITATION : No data  
EYE CORROSION/IRRITATION : No data  
SKIN SENSITISATION : No data  
REPEATED DOSE TOXICITY :  
Epidemiologic studies of workers in the carbon black producing industry in the U.S. and in Western Europe show no significant adverse health effect due to occupational exposure to carbon black.  
CARCINOGENICITY :  
The carbon black contained in this product corresponds to IARC (2B).  
This classification is given to chemicals for which there is inadequate human evidence, but sufficient animal evidence on which to base an opinion of carcinogenicity. The classification is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at levels that induce particle overload of the lung. Studies performed in animal models other than rats did not show any association between carbon black and lung tumors.  
MUTAGENICITY : No data available  
REPRODUCTIVE TOXICITY : No data available

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#### **SECTION 12 ECOLOGICAL INFORMATION**

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ECOTOXICITY : No data available  
MOBILITY : No data available  
PERSISTENCE / DEGRADABILITY : No data available  
BIOACCUMULATION : No data available

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#### **SECTION 13 DISPOSAL CONSIDERATION**

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RECOMMENDED METHODS FOR SAFE ENVIRONMENTALLY PREFERRED DISPOSAL :  
Dispose of waste material in accordance with local, state and federal pollution regulations.

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#### **SECTION 14 TRANSPORT INFORMATION**

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TRANSPORT INFORMATION : This is not a hazardous product.  
UN NUMBER : None  
PROPER SHIPPING NAME : Not applicable  
HAZARD CLASS : Not regulated as a hazardous material.  
PACKING GROUP : Not applicable

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**SECTION 15 REGULATORY INFORMATION**

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USA INFORMATION :

All chemical substances in this product comply with all applicable rules or orders under TSCA.

AUSTRALIA INFORMATION :

Not classified as hazardous according to criteria of NOHSC.

EU INFORMATION :

(EC) No 1907/2006 : AUTHORISATION ON USE : Not regulated  
RESTRICTIONS ON USE : Not regulated  
(EC) No 1272/2008 : CLASSIFICATION : None  
HAZARD CLASS : None  
HAZARD STATEMENT : None

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**SECTION 16 OTHER INFORMATION**

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REFERENCES :

SDS of raw material manufacturer  
NITE: Chemical Risk Information Platform

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The information contained herein is based on the current knowledge.  
This Safety Data Sheet is intended to describe our products in correctness of safety requirements.  
It should not therefore be construed as guaranteeing specific properties.  
The data applies to only usual handling.

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