



# **Material Safety Data Sheet**

Ink Ribbon For: MICROLINE 5520/5521

**MICROLINE 5590/5591** 

# Material Safety Data Sheet

IVI	aterial Safe	ety Data	Sneet					
Identity 42348301 Loop				T-19	T-1942E			
SECTION I								
Manufacturer's Name Oki (UK) Ltd.	Emergency Telephone Number 44-1236-502502							
Address 3 Castlecary Road, Wardpark North, Cumbernauld, Scotland G68 0DA		Telephone Number for Information 44-1236-502502						
		Date Prepared Nov. 16, 2004						
SECTION II -	Hazardous Ing	redients / I	dentity Info	rmation				
Hazardous Components	CAS.	ACGIH TLV	OSHA PEL	EEC	Other Limits	%		
Carbon Black Mineral Oil (mist)	1333-86-4 8012-95-1	3.5mg/m3 5.0mg/m3	3.5mg/m3 5.0mg/m3	N/A N/A	N/A N/A	2 3		
Predominant Component Coloring Material Oil Additive Nylon 6-6 Fabric		Not Applic	cable					
Impurity								
Michler's ketone 90-94	<0.1%							
SECTION III -	Hazardous Info	ormation						
Appearance and Odor Nylon 6-6 Fabric impregnate	d with liquid bl	ack ink.						
Incompatibility (Material to A	Avoid)							
Hazardous Decomposition of None	or Byproducts							
Fire and Explosion Hazards None								
Health Hazards  Refrain from taking it into th	e body through	n mouths.						
Information on Ecological Effect No data available								
UN — category Not applicable		UN — n Not ap	umber oplicable					

SECTION IV — Emergency and First Aid Procedures T-1942E

Health Hazards (Acute and Chronic)
No data available

### Signs and Symptoms of Exposure

No data available

#### **Medical Conditions**

### **Generally Aggravated by Exposure**

No data available

### **Emergency and First Aid Procedure**

SKIN :Wash away ink on skin.

EYE :Wash with water and consult a doctor promptly.

INHALATION : Not applicable
OTHERS : No data available

### SECTION V — Emergency Action in Case of Fire

#### **Extinguishing Media**

Water mist, Foam, Dry powder, CO2 gas, others

### **Special Fire Fighting Procedures**

N/A

### **Unusual Fire and Explosion Hazards**

None

## SECTION VI — Precautions for Safe Handling and Use

### Steps to Be Taken in Case Material is Released or Spilled

If inadvertently released, rewind ribbon.

### **Precautions to Be Taken in Handling and Storing**

Should be stored in dark and cool place.

#### **Other Precautions**

None

### SECTION VII — Control Measures

### **Respiratory Protection (Specify Type)**

None

Ventilation	Local Exhaust	Special
	N/A	N/A
	Mechanical (General)	Other
	N/A	N/A

Eye Protection	Hand Protection		
N/A	Desirable in some case		

### **Other Protective Clothing or Equipment**

N/A

### **Work / Hygienic Practices**

None

SECTION	VIII — Physical/Chemical Charac				naracteris	stics		T-1942E
Boiling Point N/A					Melting Point N/A			
PH Value N/A					<b>ecific G</b> N/A	ravity		
Viscosity N/A				Vapor Pressure N/A				
Solubility in W Negligible	ater							
SECTION	IX –	- Fire and Exp	olosior	n Ha	azard Da	ıta		
Flash Point >150°C				Ignition Temperature N/A				
Flammable Lin	nits		LEL N/	-			UEL: N/A	
SECTION	X –	- Reactivity D	ata					
Stability		Unstable				Condit	ion to Avoid	
		Stable			×	N/A		
Hazardous Polymerization		May Occur				Condition to Avoid		oid
Folymenzation	I	Will Not Occur			×	N/A		
SECTION XI — Toxicology Information								
Ames Test : Ne Carbon Black Michler's ketor	1333-86-4	: IARC anima				nogen.		
Michler's ketone 90-94-8 : NTP anticipated human carcinogen.  SECTION XII — Transport Information								
No special								
SECTION X III — Waste Disposal Information								
Waste Disposal Method								
Disposal in accordance with local, state and federal regulations.								
SECTION X IV — Labeling								
Danger Category None								
R/S Phrases Unnecessary								

# Material Safety Data Sheet

atoriai caio	ty Data	Officet							
Identity 42588201 Ink Tank					T-1944E				
Manufacturer's Name Oki (UK) Ltd.				Emergency Telephone Number 44-1236-502502					
Address 3 Castlecary Road, Wardpark North, Cumbernauld, Scotland G68 0DA		Telephone Number for Information 44-1236-502502							
		Date Prepared Nov. 17, 2004							
Hazardous Ing	redients / I	dentity Info	rmation						
CAS.	ACGIH TLV	OSHA PEL	EEC	Other Limits	%				
1333-86-4 8012-95-1	3.5mg/m3 5.0mg/m3	3.5mg/m3 5.0mg/m3	N/A N/A	N/A N/A	17 14				
	Not Applic	cable							
Hazardous Info	ormation								
egnated with liq	juid black i	nk.							
Avoid)									
or Byproducts									
<b>i</b>									
ne body through	n mouths.								
Effect									
	_								
	Hazardous Ing CAS.  1333-86-4 8012-95-1  Hazardous Info egnated with lice Avoid)  or Byproducts  ine body through	Emer North, ODA  CAS.   ACGIH TLV  1333-86-4 8012-95-1  Hazardous Information  Not Applic  Not Applic  Avoid)  Or Byproducts  Telep  Acgin Tuv  3.5mg/m3 5.0mg/m3  Not Applic  Description  Regnated with liquid black in the body through mouths.  Effect  UN — n	A4-1236- Telephone Num 44-1236  Date Prepared Nov. 17  Hazardous Ingredients / Identity Info  CAS. ACGIH PEL 1333-86-4 8012-95-1  Not Applicable  Hazardous Information  Not Applicable  Hazardous Information  egnated with liquid black ink.  Avoid)  or Byproducts  he body through mouths.	Emergency Telephone No. 44-1236-502502 Telephone Number for In 44-1236-502502 Date Prepared Nov. 17, 2004  Hazardous Ingredients / Identity Information  CAS. ACGIH PEL PROMINE EEC PEL PROMINE PEL PROMINE PEL PEL PEL PEL PEL PEL PEL PEL PEL PE	Emergency Telephone Number 44-1236-502502 Telephone Number for Informatio 44-1236-502502 Date Prepared Nov. 17, 2004  Hazardous Ingredients / Identity Information  CAS. ACGIH OSHA EEC Limits 1333-86-4 3.5mg/m3 5.0mg/m3 N/A N/A N/A 8012-95-1 5.0mg/m3 5.0mg/m3 N/A N/A Not Applicable  Hazardous Information  egnated with liquid black ink.  Avoid)  or Byproducts  In the body through mouths.  Effect  UN — number				

SECTION IV — Emergency and First Aid Procedures

Health Hazards (Acute and Chronic)

No data available

Signs and Symptoms of Exposure

No data available

**Medical Conditions** 

**Generally Aggravated by Exposure** 

No data available

**Emergency and First Aid Procedure** 

SKIN :Wash away ink on skin.

EYE :Wash with water and consult a doctor promptly.

INHALATION : Not applicable
OTHERS : No data available

SECTION V — Emergency Action in Case of Fire

**Extinguishing Media** 

Water mist, Foam, Dry powder, CO2 gas, others

**Special Fire Fighting Procedures** 

N/A

**Unusual Fire and Explosion Hazards** 

None

SECTION VI — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Wipe clean any transferred ink.

Precautions to Be Taken in Handling and Storing

Should be stored in dark and cool place.

**Other Precautions** 

None

SECTION VII — Control Measures

**Respiratory Protection (Specify Type)** 

None

 Ventilation
 Local Exhaust
 Special

 N/A
 N/A

 Mechanical (General)
 Other

 N/A
 N/A

**Eye Protection**N/A

Hand Protection

Desirable in some cases.

IN/A Desirable in some

**Other Protective Clothing or Equipment** 

N/A

**Work / Hygienic Practices** 

None

SECTION VIII -	· Physical/Cher	mical Cha	aracterist	ics		T-1944E			
Boiling Point	,		Melting Point N/A						
PH Value		Sı	pecific G N/A	ravity					
N/A Viscosity	N/A								
N/A		V	apor Pre N/A	SSUIE					
Solubility in Water Negligible									
SECTION IX	SECTION IX — Fire and Explosion Hazard Data								
Flash Point >150°C		Ig	nition Te N/A	emperati	ure				
Flammable Limits		LEL: N/A			UEL : N/A				
SECTION X	<ul><li>Reactivity D</li></ul>	ata							
Stability	Unstable			Condit	oid				
	Stable		×	N/A					
Hazardous Polymerization	May Occur	May Occur		Condition to Avoid N/A		oid			
- ciyiiicii Laiicii	Will Not Oc	Will Not Occur							
SECTION XI -	SECTION XI — Toxicology Information								
Ames Test : Negative Carbon Black 1333-86-4 : IARC animal carcinogen.									
SECTION XII — Transport Information									
No special									
SECTION X III — Waste Disposal Information									
Waste Disposal Method	Waste Disposal Method								
Disposal in accordance with local, state and federal regulations.									
SECTION X IV — Labeling									
Danger Category None									
R/S Phrases Unnecessary									