

MATERIAL SAFETY DATA SHEET

MSDS No. : KSM-014

Section 1 – General Information

Commercial product name : Silk Touch Ballpen Ink (Black, Blue, Red)  
Manufacturer : KOTOBUKI & CO., LTD.  
Company address : 138, Kujirai, Kawagoe, Saitama, JAPAN, 350-0815  
Telephone No. : 81-49-233-3381  
Fax No. : 81-49-233-2700  
Date of last revision : January 10, 2011

Section 2 – Hazards identification

Section 3 – Composition information on ingredients

CAS No.	Chemicals	Silk Touch Black
548-62-9	C.I. Solvent Black 46	20-35%
8004-87-3	C.I. Basic Violet 1 Derivatives	3-8%
1333-86-4	Carbon black	1-5%
68648-78-2	Poly Vinyl Butyral	2-6%
107-98-2	Propylene Glycol monomethyl ether	7-15%
122-99-6	2-Phenoxy Ethanol	35-50%
9003-39-8	Polyvinylpyrrolidone	0.1-1%

CAS No.	Chemicals	Silk Touch Blue
2580-56-5	C.I. Basic Blue 26	10-20%
8004-87-3	C.I. Basic Violet 1	
1330-39-8	C.I. Direct Blue 87 Amine mixture	
63428-00-2	C.I. Basic Violet 1	5-15%
81-77-6	C.I. Pigment Blue 60	1-5%
68648-78-2	Poly Vinyl Butyral	2-6%
107-98-2	Propylene Glycol Monomethyl Ether	7-15%
122-99-6	2-Phenoxy Ethanol	35-50%
9003-39-8	Polyvinylpyrrolidone	0.1-1%

CAS No.	Chemicals	Silk Touch Red
4567-00-5	C.I. Basic Orange 22	3-10%
28519-02-0	$C_{24}H_{32}S_2O_7Na_2$	
108512-51-2	Bonded Dye (Solvent Dye)	10-20%
88731-16-2	Basic Violet 10 Derivative	1-5%
94292-06-5	C.I. Acid Red 362	5-15%
84632-65-5	C.I. Pigment Red 254	1-5%
68648-78-2	Poly Vinyl Butyral	2-6%
107-98-2	Propylene Glycol Monomethyl Ether	7-15%
122-99-6	2-Phenoxy Ethanol	35-50%
9003-39-8	Polyvinylpyrrolidone	0.1-1%

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#### Section 4 – First aid measures

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Eyes : Wash eyes with plenty of water. If irritation develops, seek medical advice.  
Skin : Wash with soap and water.  
Ingestion : Induce vomiting. In case of remaining sickness, seek medical advice.  
Inhalation : Intake of fresh air. In case of remaining sickness, seek medical advice.

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#### Section 5 – Fire fighting measures

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Extinguishing media : Water mist, foam, powder, carbon dioxide  
Special fire fighting procedures : None known

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#### Section 6 – Accidental release measures

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Person related precautions : Avoid inhalation and eye contact.  
Environmental precautions : Do not empty into drains and waters, surface water and ground water.  
Waste disposal method : Dispose of all wastes in accordance with Federal, States & Local regulations.

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#### Section 7 – Handling and storage

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Handling : Close container well after use and keep it at room temperature. Use in the well ventilated areas.  
Storage : Don't expose to direct sunlight for safekeeping.

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Section 8 – Limited of exposition and protective clothing

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Additional remarks relating technical equipments : No further remarks.

Personal measures of protection :

Respiratory protection (specify type) : Not necessary

Ventilation

Local exhaust : Not necessary

Mechanical : Not necessary

Other : Natural ventilation

Skin and eye protection : Rubber or plastic gloves & Protective glasses.

Work/hygienic practice : Pay attention to the usual rules for handling chemicals.

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Section 9 – Physical and chemical properties

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Form : Fluid

Odour : Alcoholic

Boiling point : Unknown

Flash point : >100°C

Solubility in water : Miscible

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Section 10 – Stability and reactivity

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Conditions/substances to be avoided : None

Hazardous decomposition products : None

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Section 11 – Declaration to toxicology

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Acute : Not determined

Chronic : Not determined

Signs and symptom of overexposure : Not determined

Medical conditions generally aggravated by exposure : Not determined.

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Section 12 – Remarks on ecology

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Not available

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Section 13 – Disposal

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Consult local, state and observe all federal regulation.

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Section 14 – Regulations for transport

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Not necessary

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Section 15 – Regulations

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Safety standards complied with EN71 Part 3

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Section 16 – Further information

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NOTE : The information given in this MSDS are based on our present state of knowledge and are no assurance of properties of our products. Existing laws and regulations have to be obeyed by the purchaser himself.