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PILOT CORP CUS SERVICE

005

Gold Marker

20704-4055

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Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	U.S. Department of Labor Occupational Safety and Health Administration(Non-Mandatory Form) Form Approved OMB No. 1218-0072
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IDENTITY (As used on Label and list) - Gold Marker-Ex.Fine Non-Xylene (SCG-EF, SCG)	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name The Pilot Ink Co., LTD	Telephone Number 81-52-733-1561
Address(Number, Street, City State & Zip) 3-17 Midoricho, Shouwa-ku, Nagoya-City	Fax Number 81-52-732-4958
Aichi, 104-0031 Japan	Date Prepared December 27, 2001
Signature of Preparer(Optional)	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components(Specific Chemical Identity;Common Name(s))				OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NAME	CAS NO.	TLV(PPM)	WT. (%)	COMPONENT			
Copper	7440-50-8	N.A.	17.8	Ink			
Aluminum	7429-90-5	N.A.		Barrel			

Section III - Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H2O=1)	N.A.
Vapor Pressure(mm Hg)	N.A.	Melting Point	N.A.
Vapor Density(Air=1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.

Solubility in Water *Trace (Ink)*

Appearance and Odor
Gold Color Ink

Section IV - Fire and Explosion Hazard Data

Flash Point(Method Used) N.A.	Flammable Limits	LEL N.A.	UEL N.A.
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Extinguishing Media *Dry chemical*

Special Fire Fighting Procedures *None*

Unusual Fire and Explosion Hazards *None*

Section V- Reactivity Data

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Stability	Unstable		Conditions to Avoid
	Stable	X	None
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur		Condition to Avoid
	May Not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <i>Yes (Ink)</i>	Skin? <i>Yes (Ink)</i>	Ingestion? <i>Yes (Ink)</i>
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Health Hazards(Acute and Chronic) *N.D.*

Carcinogenicity:	<i>None</i>	IARC Monographs? <i>None</i>	OSHA Regulated? <i>None</i>
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Signs and Symptoms of Exposure *N.D.*

Medical Conditions
Generally Aggravated by Exposure *N.D.*

Emergency and First Aid Procedures *Inhalation: Remove to fresh air; seek medical. Ingestion: Seek medical. Eyes: Flush with plenty of water; seek medical. Skin: Wash off in flowing water; seek medical*

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Flush with thinner; Soak up with absorbent materials. (Paper/Cloth)

Waste Disposal
In accordance with national, state and local regulations.

Precautions to Be Taken in Handling and Storing
Avoid high temperature.

Other Precautions *Avoid ignition sources.*

Section VIII - Control Measures

Respiratory Protection(Specify Type) *Not Required*

Ventilation	Local Exhaust <i>Not Required</i>	Special <i>Not Required</i>
	Mechanical(General) <i>Not Required</i>	Other <i>Not Required</i>

Protective Gloves <i>Not Required</i>	Eye Protection <i>Not Required</i>
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Other Protective Clothing or Equipment
Not Required

Work/Hygienic Practices

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Not Required

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