

# SAFETY DATA SHEET

## Section 1

Distributor Name :	Securikey Limited PO Box 18 Aldershot Hants GU12 4SL
Chemical Name & Synonyms :	Trade Name & Synonyms Fake Banknote Detector Pen
Chemical Family	Formula
Permanent Ink	Solvent Based with long Cap Off 53K

## Section 11 - Ingredients

1.	Ethylene Glycol	CAS # 107 - 21 - 1
2.	Ethyl Alcohol	CAS # 64 - 17 - 5
3.	Water	CAS # 7732 - 18 - 5
4.	Acetic Acid	CAS # 64 - 19 - 7
5.	Additives	CAS # Mixture
6.	Exact Mixture of this ink would be considered as a trade secret	
7.		

## Section 111 - Physical Data

Boiling Point	180 degrees F	Specific Gravity (H <sub>2</sub> O=1)	1.03
Vapor Pressure (mm Ho)		Percent, Volume by Volume (%)	approx. 35%
Vapor Density (AIR=1)	Greater than air	Evaporation Rate (butyl AC-1)	
Appearance and Odor	Dark Red Solution with Medicinal odor		

## Section 1V Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	Lel N/A Uel
Extinguishing Media		CO <sub>2</sub> , Foam, Dry Chemicals	
Special Fire Fighting Procedures		Standard Fire Fighting Equipment	
Unusual Fire and Explosion Hazards		None	

## Section 1V Fire and Explosion Hazard Data

Threshold Limit Value	Not Known
Effects of Overexposure	Harmful if inhaled or swallowed. May cause alcohol intoxication
Emergency and First Aid Procedures	As the product is marked as Counterfeit Detector Marking Pen, there is little possibility of emergency. In case of emergency seek medical assistance.

### Section V1 - Reactivity Data

Stability	Unstable Stable X	Conditions to Avoid Overheating, exposure to strong light
Incompatibility (Materials to Avoid)		None
Hazardous Decomposition Products		Thermal Decomposition may product Carbon Dioxide water, unknown organic and other.
Hazardous Polymerization	May Occur Will not Occur	Conditions to Avoid

### Section V11 - Spill or Leak Procedures

Steps to be taken in case material is released or spilled. As product is soaked in a porous reservoir, there is little possibility of spillage.
Waste Disposal Method Dispose of in accordance with local and other government regulations.

### Section V111 - Special Protection Information

Respiratory Protection :	None	
Ventilation	Local Exhaust	Special
None	Mechanical (General)	Other
Protective Gloves	None	Eye Protection None
Other Protective Equipment		None

### Section 1X - Special Precautions

Precautions to be taken in handling and storing Store markers in a cool area away from heat and direct sunlight Other Precautions :	Avoid contact with eyes. Do Not inhale. Close cap when not in use. Not intended for use by children.
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