

SAFETY DATA SHEET

Section 1

Distributor Name :	Securikey Ltd 5 Springlakes Estate Deadbrook Lane Aldershot Hants GU12 4UH
Chemical Name & Synonyms :	Trade Name & Synonyms Universal Counterfeit 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 ₂ 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 ₂ , 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	Conditions to Avoid
	Stable X	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
	Mechanical (General)	Other
Protective Gloves	None	Eye Protection
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.