

Safety Data Sheet in Accordance with 91/155/EEC

---

Product Name: Q CONNECT MONEY TESTER

Date: 18.02.02 Revision Date: 10.06.13

IDENTIFICATION OF THE PREPARATION AND COMPANY.

Product Name and Code: Cap-Off Marking Inks

Series MA 45XX different colours

Name, Full Address and Tel of company

HAINENKO LIMITED

284 CHASE ROAD, SOUTHGATE, LONDON, N14 6HF

TEL : 0044 (20) 8882 8734 FAX : 0044 (20) 8882 7749

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation: Solution of organic solvents, Resin, organic dyes and Additives.

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

<b>Cas-No</b>	<b>Names</b>	<b>Conc.</b>	<b>Symb. R-phrases</b>
71-23-8	propan-1-0	50 – 100	11 – 41 - 67

(See full text of R Phrases under chapter 16)

---

HAZARDS IDENTIFICATION OF THE PREPERATION

Xn Harmful

10 Flammable

40 Possible risks of irreversible effects.

---

FIRST AID MEASURES

**General:** In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove for fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

**Eye contact:** Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

---

### FIRE-FIGHTING MEASURES

Extinguishing media: recommended: alcohol resistant foam, CO<sup>2</sup>, powders,  
Waterspray not to be used: waterjet.

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or watercourses.

---

### ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 & 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth. Vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent: avoid use of solvents. If the product contaminates lakes, rivers or sewage's inform appropriate authorities in accordance with local regulations.

---

### HANDLING AND STORAGE

Handling: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Additionally, the product should only be used in areas from which all-naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. Floors should be of the conducting type. Keep container tightly closed; isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in application area. For personal protection see section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Storage: Although the storage and use of this product is not subject to specific statutory requirements, observation of the principles of the Highly Flammable Liquids and liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health & Safety at Work Act. Observe label precaution. Store between 5 and 30°C in a dry, well-ventilated place away from sources of heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidising agents, from strongly alkaline and strongly acid materials. No smoking. Prevent unauthorised access. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulate and solvent vapour below the OEL, suitable respiratory protection must be worn.

### Exposure Limits

Occupational exposure limit for:	CAS-No	Names
	71-23-8	Propan-1-01

---

## PERSONAL PROTECTION

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection: For prolonged or repeated contact use: Barrier creams may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred.

Eye protection: Use safety eyewear designed to protect against splash of liquids.

Skin protection: Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre. All parts of the body should be washed after contact.

---

## PHYSICAL AND CHEMICAL PROPERTIES

	VALUE	UNIT	METHOD
Physical state	Liquid	°C	DIN 53213
Flash Point	25		
Viscosity at 20 °C	3.8 +/- 0.3 mPas		
Specific gravity	0.84 +/- 0.02 g/ml		
Lower explosion limit: 0.6		Vol%	
Upper explosion limit: 13.5		Vol%	
Solubility in water	Partial soluble		
Melting point	< 0	°C	
Boiling point	97	°C	
Vapour pressure at 20°C			
PH	5.8 +/- 1.0		
Solid content	9	%	
Volatile	88	%	

---

---

### STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions. (See section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

---

### TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

---

### ECOLOGICAL INFORMATION

There are no data available on the preparation itself.  
The product should not be allowed to enter drains or watercourses.

---

### DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses.  
Empty containers are to be deposited according to the official rules.

---

### TRANSPORT INFORMATION

Transport only in accordance with ADR for road, RID for rail. IMDG for sea and ICAD/IATA for air transport.

ADR/RID	Class 3	Item	:	5b
Transport document		Name	:	Farbe
INDG	Class 3.3	UN Nr	:	1263
		MFAG	:	310
		EMS Nr	:	3-05
Marine pollutant			:	n.a

Proper shipping name	:	Paint related material	
ICAD/IATA Class 3		UN Nr	: 1263
Proper shipping name	:	Paint	
Packaging group	:	II	

---

#### REGULATORY INFORMATION

The requirements of the Classification Packaging and Labelling of Dangerous Substances Regulations.

The product is labelled as follows:

Xn harmful

Danger classification:

n.a.

contains:

R phrases:

10	Flammable
40	Possible risks of irreversible effects

S phrases:

20/21	When using do not eat, drink or smoke.
38	In case of insufficient ventilation, wear suitable Respiratory equipment.
51	Use only in well ventilated areas
23	Do not breathe vapour.

---

#### OTHER INFORMATION

Full text of R phrases with no appearing in section 2:

11	Highly Flammable
41	Risk of serious damage to eyes.
67	Vapours may cause drowsiness and dizziness.

---

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.

The information in this Safety Data Sheet is required pursuant to Dangerous Substances Regulations 1994.

---

