

# MATERIAL HEALTH & SAFETY (CoSHH) SHEET

**PRODUCT NAME: Q CONNECT PERMANENT MARKERS**

## SECTION 1 – GENERAL INFORMATION

**SUPPLIERS NAME:** HAINENKO

**ADDRESS:** 284 CHASE ROAD  
SOUTHGATE  
LONDON N14 6HF

**TEL NO:** (+44) 020 8882 8734

**FAX NO:** (+44) 020 8882 7749

**DATE:** 1995

## SECTION 2 –HAZARDOUS INGREDIENTS

The ink contains ethanol. The inks were approved by the ACMI toxicologist. The ink meets the European Standard EN71/3 (Safety of Toys)

## SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS (SPECIFY COMPONENT)

**Appearance & Odour:** Low viscous coloured liquids of alcoholic odour

**Boiling Point:** >78

**Density (g/cm<sup>3</sup>):** 0.90+-0.01

**Vapour Density (Air=1)** >1

**Melting Point °C:** >120

**Solubility in Water %:** 80/90

**Evaporation Rate (Butylacetate=1) :** >1

**Pressurised:**

**Yes**

**No X**

**% Volatile (4) :** ca. 80

**Other Characteristics:** alcoholic solution of dye stuffs and additives

## SECTION 4 – FIRE AND EXPLOSION HAZARDS

**Flashpoint °C (meth used) :** 12 DIN51755

**Explosion limits (Vol%)**

**LEL1.4**

**UEL15**

**Extinguishing Media:** water spray, co2, alcoholic resistant foam, extinguishing powder

**Special Fire Fighting Precautions:** Cool down endangered containers, use large amounts of foam

**Autoignition Temp °C:** >270

## SECTION 5 – STORAGE HAZARDS

**Stability:** Stable

**Conditions to Avoid:** Avoid Heating Up

**Incompatibility (Materials to Avoid):** Oxidising Materials

**Hazard Decomp. Products:** None

**Hazard Polymer:** Will not Occur

**Conditions to Avoid:** None

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### SECTION 6 –HEALTH HAZARDS

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**Acute:** > 5000 mg/kg (a)                      **Chronic:** not determined

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**Signs and Symptoms of Overexposure:** Alcoholic vapours may have narcotic effect

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**Medical Condition Generally Aggravated by Exposure:** Medication taken can increase the narcotic effect of ethanol.

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**Chemical Listed as Carcinogens:** None are known carcinogens

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### EMERGENCY AND FIRST AID PROCEDURES

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**CONTACT WITH EYES:** Flush with plenty of water. In case of remaining pain call physician

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**CONTACT WITH SKIN / ABSORPTION:** Remove moistened clothes, wash with water and soap

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**INHALATION:** Provide fresh air

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**INGESTION:** Drink lots of water & induce vomiting. For remaining complaints seek medical advice

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### SECTION 7 – SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

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**Respiratory Protection:** NOT NECESSARY, GOOD ROOM VENTILATION

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**Ventilation:**                      **Local Exhaust:**                      **Mechanical:**                      **Others:**

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**Skin and Eye Protection:** LONG OR PLASTIC GLOVES, PROTECTIVE GLASSES

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**Work / Hygienic Practices:** PAY ATTENTION TO USUAL RULES OF HANDLING CHEMICALS

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### SECTION 8 – SPECIAL PRECAUTIONS

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**Special Precautions to be taken in hand:** no direct sunlight, keep containers closed

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**Other Precautions:** avoid ignition sources, do not smoke

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**Steps to be taken in Case Material is Released or Spilled:** absorb with liquid binding material, remove residuals with lots of water

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**Waste Disposal Methods:** burn in a licensed destructor, biological clarification plant, product should not get untreated into waters.

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PLEASE NOTE THAT THIS HEALTH & SAFETY SHEETS COVERS THE FOLLOWING PRODUCTS:

**Q CONNECT BULLET TIP AND Q CONNECT CHISEL TIP MARKERS**