

Data sheet for safety and environment

March 27th, 2018

Product	
Trade name:	Description:
IKØN OHP SUPER FINE PERM IKØN OHP FINE PERM IKØN OHP MED PERM <u>Writing colours:</u> black, red, blue, green	Permanent universal marker. Super fine line width: approx. 0.4 mm Fine line width: approx. 0.7 mm Medium line width: approx. 1.0 mm. For writing on transparencies (OHP), paper, plastic, glass, metal and almost all other materials. The marker's vibrantly coloured ink is quick-drying, water-proof and highly light resistant. It has a low odour and is free of toluene and xylene.



Figure: IKØN OHP SUPER FINE PERM, writing colour red, IKØN OHP FINE PERM, writing colour black and IKØN OHP MED PERM, writing colour black

Components		
Barrel:	Ink:	
Used material:	Filling per pen:	1.62 g
<u>OHP SUPER-FINE PERM and OHP FINE PERM</u> Polypropylene (PP) Polyoxymethylene (POM) Polyester <u>OHP MED PERM</u> Polypropylene (PP) Polyester	Alcohol-based ink. Includes solvents, colorants and additives.	

Indication for security and environment	
Barrel:	Ink:
Hazardous ingredients None according to EU directives	The information in this section is based on the safety data sheet according to Regulation (EC) No. 1907/2006 (REACH). All stated contents are provided in percentage by weight.

Writing colour black**Hazardous ingredients**

1-Methoxypropan-2-ol CAS 107-98-2
25 – 50 %

Propan-1-ol CAS 71-23-8
25 – 50 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.



GHS05 Corrosion
Eye Dam. 1
H318 Causes serious eye damage.



GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.

Writing colour red**Hazardous ingredients**

1-Methoxypropan-2-ol CAS 107-98-2
50 – 100 %

Propan-1-ol CAS 71-23-8
25 – 50 %

C. I. Solvent Yellow 82 CAS 85029-58-9
2.5 – 10 %

C. I. Solvent Red 49 CAS 509-34-2
≤ 2.5 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.



GHS05 Corrosion
Eye Dam. 1
H318 Causes serious eye damage.



GHS09 Environment
Aquatic Chronic 2
H411 Toxic to aquatic life with long lasting effects.









GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.

Writing colour blue**Hazardous ingredients**

1-Methoxypropan-2-ol CAS 107-98-2
50 – 100 %

Propan-1-ol CAS 71-23-8
25 – 50 %

	<p>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. 2.5 – 10 %</p> <p>C. I. Solvent Violet 8 ≤ 2.5 %</p> <p>CAS 85536-14-7</p> <p>CAS 84281-86-7</p> <p>Classification of the mixture:</p> <p> GHS02 Flame Flam. Liq. 3 H226 Flammable liquid and vapour.</p> <p> GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.</p> <p> GHS07 Skin Irrit. 2 H315 Causes skin irritation.</p> <p>STOT SE 3 H336 May cause drowsiness or dizziness.</p> <p><u>Writing colour green</u></p> <p>Hazardous ingredients</p> <p>1-Methoxypropan-2-ol 50 – 100 %</p> <p>Propan-1-ol 25 – 50 %</p> <p>C. I. Basic Yellow 37 ≤ 2.5 %</p> <p>C. I. Basic Blue 7 ≤ 1.0 %</p> <p>CAS 107-98-2</p> <p>CAS 71-23-8</p> <p>CAS 6358-36-7</p> <p>CAS 2390-60-5</p> <p>Classification of the mixture:</p> <p> GHS02 Flame Flam. Liq. 3 H226 Flammable liquid and vapour.</p> <p> GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.</p> <p> GHS07 STOT SE 3 H336 May cause drowsiness or dizziness.</p>
Flashpoint: none	Flashpoint: 23 °C
Solubility in water: insoluble	Solubility in water: miscible
Indication: Plastics are dyed with cadmium-free pigments.	Contact with skin: Wash with water and soap, do not use solvents.
Extinguishing media: <ul style="list-style-type: none"> • Water spray • CO₂ • Dry-chemical fire extinguisher • Foam 	After swallowing: Rinse mouth with water. In case of persistent symptoms consult doctor.
	After eye contact: Remove contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor.

	Odour: Alcoholic / ethereal odour. No dangerous concentration of alcoholic vapour during application.
Disposal: Environmentally friendly. No contamination of air or ground water in combusting plant. Empty refills can be disposed off with daily garbage considering local regulations.	Disposal: <u>Europe</u> According to local regulation, ex. to dispose of as colours. European waste catalogue "Code 080111".

The information in this product data sheet refers to commercial quantities of finished products. It may not be always applicable for materials and preparations used for industrial processing.

The above mentioned data are based on our today's knowledge. They don't guarantee characteristics. Users of our products have to consider present laws and regulations in own responsibility. This product data sheet is not subject to an updating service.