

Material Safety Data sheet

In accordance with 1999/45/EC and 67/548/EC.

PRODUCT P8906 Permanent Marker

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name: P8906 PERMANENT MARKER
 Code: RG-PXM
 Colour: BLACK, BLUE GREEN OR RED
 CAS no: n/a
 EC no: n/a
 UN No: 1993
 EAC: 128
 Hazchem: 3[Y]E
 Kemler: 33
 SAPMA: 2-H-E

Supplier/importer

Klipspringer Ltd
 Rynor House
 Farthing Road
 Ipswich
 Suffolk. IP1 5AP
 Tele: +44 (0) 1473 461 800
 Email Sales@klipspringer.com / www.klipspringer.com

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification: F XI, R11,36 S02,13,16,26,43,46,51

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Substance / Preparation	Conc'n %	CAS	EC	EEC labels	OEL	STOEL	P-Phases
Propyl alcohol	>5%	71-23-8	603-003-00-0	F, Xi	500mg, 200ppm	625mg, 250ppm	RL, S
1-methoxy 2-propanol	-	107-98-2	603-064-00-3	n/a	360mg, 100ppm	080mg, 300ppm	RL, S
Ethyl Alcohol - Pure	-	64-17-5]	603-002-00-5	F	1900mg, 1000ppm	-	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

Date of issue	15-06-18	Revision No.	001	Revised by	SB
Authorised by	S. Britton	Document No.	DSS-R004	Page 1 of 4	

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2 – MODERATE. Temporary or minor injury possible even if treatment given.
 Inhalation: Irritating, narcotic. Can affect CNS.
 Skin: Irritating, risk of dermatitis.
 Eyes: Irritating - may cause damage if not given prompt attention.
 Ingestion: Irritating, nauseating - can affect CNS.
 No carcinogenic, mutagenic or genetic effects established.
 May have short term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
 Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort seek medical attention.
 Eyes: Rinse well with water and seek medical advice if discomfort persists.
 Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
 Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
 Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
 Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
 No open flames. No smoking. No sparks.
 Keep containers cool. Avoid free fall of liquid - use earthing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA Rating: 2-H-E
 PPE: Respirator and Eye protection
 Inhalation: In case of insufficient ventilation, use suitable respiratory protection.
 Skin: Use barrier cream and impervious gloves.
 Eyes: Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.
 Ingestion: Observe the rules of hygiene. Wash before eating, drinking or smoking.
 OEL Type: Mix - Mixture - See Section 2 Skin annotation.



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Date of issue	15-06-18	Revision No.	001	Revised by	SB
Authorised by	S. Britton	Document No.	DSS-R004	Page 2 of 4	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical class:	Ink
Description:	Coloured liquid
Smell:	Pungent
Visc.:	4-8 mm Pas SG: >0.82, NV: <30%
Boil. pt:	>35°C
Flash point	<23°C
Water:	Soluble
Oil:	Miscible

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
 Prone to ignite by static
 Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL INFORMATION



Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN no: 1993 Packing group: II IMO Class: 3.2
 EAC: 128 Hazchem: 3[Y]E Kemler: 33



SECTION 15. REGULATORY INFORMATION

EC no.:	n/a		
Contains:	PROPYL ALCOHOL	Flammable	Irritant
EC Classification:	F, Xi,R11,36 S02,13,16,26,43,46,51		
R11	Highly Flammable		
R36	Irritating to the eyes		
S2	Keep out of reach of children. (Retail sales items)		
S13	Keep away from food, drink and animal feeding stuffs		
S16	Keep away from sources of ignition - No smoking		
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice		
S43	In case of fire, use water fog, foam or powder - Do not use water jets!		
S46	If swallowed seek medical advice immediately and show this container or label		
S51	Use only in well ventilated areas		

Date of issue	15-06-18	Revision No.	001	Revised by	SB
Authorised by	S. Britton	Document No.	DSS-R004	Page 3 of 4	

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Sheena Britton
Technical Compliance Manager
Retreeva-Global
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Date of issue	15-06-18	Revision No.	001	Revised by	SB
Authorised by	S. Britton	Document No.	DSS-R004	Page 4 of 4	