

LIPL NOIDA	MATERIAL SAFETY DATA SHEET	DOC. NO. MSD-2-01
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<u>Section I</u>	<u>Identification of Product & Company</u>
<u>Luxor Permanent Marker, Mini Permanent Marker, Permanent marker fine , ultra fine, Extra fine</u>	
Art. No : 3411-3414, 3401-3404, 3431-3434, 3421-3424, 3451-3454, 3441-3444, 3111-3114, 3161-3164, 3181-3184, 3171-3174, 3521-3524, 3531-3534, 3541-3544, 3551-3554, 3471-3474, 3461-3464 ,3001-3008.	
Color : 08 (Black, Blue, Red, Green, Orange, Violet/Purple, Brown, Yellow)	
Manufacturer's Name	: LUXOR INTERNATIONAL P. LTD (ISO 9001:2000, ISO 14001 & OHSAS 18001 Certified)
Emergency Tel. No.	: 91-120-3047000
Telephone No.	: 91-120-3047001-8
Address Fax No.	: 91-120-3047023-24
C-42, Phase II, Gautam Budh Nagar, Uttar Pradesh-201305, India Prepared by.: S.K. Saxena Date :October 1,2008 Revision : 01	

<u>Section –II</u>	<u>Composition</u>
Solvent Based ink Plastic/ Metal component Acrylic tip Polyester Fiber with Extruded PP type of ink reservoir Plastic cap with plastic clip Other Characteristics : for marking on metal, wood, ceramics etc.	

<u>Section –III</u>	<u>Hazardous Ingredients / Identity Information</u>
CAS NO. : N/A This product is considered safe under normal uses conditions.	

<u>Section- IV</u>	<u>First Aid</u>
1. Acute	: NO
2. Chronic	: NO
Signs and symptoms of overexposure	: N.A.
Medical condition generally aggravated by exposure	: N.A.
Emergency and first aid procedure	: N.A.
These pens confirms to EN-71 part 3	

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Section-V

Fire & Explosion Hazard Data

Flash point method used : N.D.
 Explosion limits (vol.%) LEL : N.A. UEL : N.A.
 Extinguishing media : Dry powders, water spray
 Special Fire fighting Precautions : Soda Acid, Carbon Die Oxide, Foam type and mechanical dry powder extinguisher
 Auto ignition Temp. (C) : N.A.
 List hazardous products decomposition : ND .
 Other advice : None

Section-VI

Accidental Release Measures

Routes of entry	Emergency Procedure	Seek medical advice
Inhalation	: N.A.	✓
Eyes	: N.A.	✓
Skin	: N.A.	✓
Ingestion	: N.A.	✓

Section-VII

Handling and Storage.

Special precaution to be taken during handling : Store at room temperature.
 Condition: Under normal room temp. (20-40°c)no humidity.
 Other precaution : Pens to be stored horizontally if possible.
 Incompatibility (materials to avoid) : N.A.
 Hazardous : NO
 Polymerization : NO

Section-VIII

Exposure Controls & Special Protection

Respiratory protection : Not necessary, good room ventilation is sufficient.
 Ventilation : Local exhaust

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Skin and Eye Protection : None
Work / hygienic practices : None

<u>Section – IX</u>		<u>Physical & Chemical Characteristics</u>	
Boiling Point C	: NA	Density (g/ml)	: NA
Vapor density (Air = 1)	: ND	Melting Point C	: NA
Solubility of ink in water	:ND	Evaporation rate (butyl acetate=1): N.D.	
Pressurized	: Yes[] No [x]	% volatile	: N.D.

Section – X **Stability & Reactivity**
Stability : Stable
Condition to Avoid : Keep Pen close when not in use
Hazardous Decomposition : N/A

Section – XI **Toxicological Information / Health Hazards**
 Effect of Toxicological relevance are not to be expected in the intended use.

Section – XII **Ecological Composition**
 N/A

Section - XIII **Disposal Considerations**
Waste disposal methods : **Dispose** in accordance with federal, state & Local Regulation.

Section - XIV **Transport Information**
 Not classified as dangerous group

Section – XV **Regulatory Information**
 This product is a consumer product, no special regulatory information is required.

Section – XVI **Other Information's**

Note: The information given in this MSDS is based on our present state of knowledge and is no assurance of properties of our products. Existing laws and regulations have to be obeyed by the purchaser himself. The product shall not be used for purposes other than it is assigned for without the consent of the producer.

 The information provided above is for general guidance only without responsibility, liability &

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warranty on our part & subject to change without notice.

N.A. : Not Applicable
 N.O. : Not Observed
 LEL : Lower Evaporation Limit
 UEL : Upper Evaporation Limit
 N.D. : Not Determined

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