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		INSTITUTION DATE	2013.04.01
	Colortec HMI-Orange	REVISION DATE	2021. 03. 02
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SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name	Colortec HMI-Orange (Highlighter Marker Ink)
1.2 Use of the substance	For stationery Ink
1.3 Company Identification	Hainenko Limited 284 Chase Road, London, N14 6HF Tel: 0044 (0) 20 8882 8734 Email: d.ashpole@hainenko.com Tel:
1.4 Emergency Phone No.	0044 (0) 20 8882 8734 (office hours only)

SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance	: Skin sensitizer.1
2.2 Label elements	
Hazard statements	: May cause an allergic skin reaction

Pictogram(s)



Signal word : Warning

Precautionary statements

Prevention

p261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
p280	Wear protective gloves/protective clothing/eye protection/face protection

Action

P302+P352	IF ON SKIN : Wash with Plenty of soap and water
P321	Specific treatment(see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention
P363	Wash contaminated clothing before reuse.

Preservation

P405	Store locked up.
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Disuse

P501	Dispose of contents/container to ...
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SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	63~68	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	25053-09-2	3~7	
Sodium dodecylbenzenesulfonate	25155-30-0	<1	
Basic Yellow 40	12221-32-5	<1	
Basic Violet 10	81-88-9	<1	

SECTION IV. FIRST AID MEASURES

- 4.1 EYE CONTACT : Immediately flush with plenty of water and have eyes examined and treated by medical personnel.
- 4.2 SKIN CONTACT : Wash material off of the skin with plenty of soap and water. If any other symptom is developed get medical attention.
- 4.3 INHALATION : Take affected persons out in the fresh air, if necessary.
- 4.4 INGESTION : Have patient rinsed out mouth with water.

SECTION V. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture
Not available
- 5.3 Advice for fire-fighters
No special explosion hazard are known.

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SECTION VI. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precaution : Steps to be taken in case material is released or spilled
Wear skin protection during cleanup.
- 6.2 Enviromental precautions : Not applicable
- 6.3 Methods for cleaning up : Use care to minimize the amount of colored material that reaches the sewer.
Wash residue from spill area with water and flush
to a sewer serviced by a wastewater treatment facility.

SECTION VII. HANDING AND STORAGE

- 7.1 Handing Keep out of children and do not drink Ink.
A container is sealed each time.
Wear suitable protection implements(glove, apron, etc) for work.
- 7.2 Storage Do not store the Ink and Ink cartridge in the high or freezing Temperatures.
Keep Ink and Ink cartridge out of direct sunlight.
Do not dismantle cartridge.
Do not store cartridge with oxidizing agents or explosives.

SECTION VIII. EXPOSURE CONTROLS, PERSONAL PROTECTION

- 8.1 Control parameters : Comply with national and local guidelines.
- 8.2 Exposure controls
None required.
- 8.2.1 Appropriate engineering controls
Keep ventilation installation and management
- 8.2.2 Individual protection measures
- (a) Eye/face protection : safety goggles
 - (b) Skin/hand protection : gloves
 - (c) Respiratory protection : Dust mask approved by NIOSH or applicable national authority
 - (d) Thermal hazards : Not applicable
- 8.2.3 Environmental exposure controls
As a general precaution, do not discharge into the drains/surface waters/groundwater

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SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Uniform liquid
ODOR	Some particular smelling
PH	5.5 ~ 7.0
VISCOSITY	Max 10 cps at 25°C
SPECIFIC GRAVITY	1.0 ~ 1.1
SURFACE TENSION	25 ~ 40 dynes/cm
BOILING POINT	100°C
MELTING POINT	Not application
FLASH POINT	Non-flammable liquid
SOLUBILITY IN WATER	Not soluble
VAPOR PRESSURE	Not application
FLAMMABILITY	Not application
EXPLOSIVE PROPERTIES	Not application
OXIDIZING PROPERTIES	Not application

SECTION X. STABILITY AND REACTIVITY

10.1 Reactivity	: Not polymerize
10.2 Chemical stability	: Stability
10.3 Possibility of hazardous reactions	: Avoid heat, flames, sparks and other sources of ignition
10.4 Conditions to avoid	: Avoid contact with another substance
10.5 Incompatible materials	: Not available
10.6 Hazardous decomposition products	: Not available

SECTION XI. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Not available

- (a) acute toxicity : not available
- (b) skin corrosion : not available
- (c) serious eye damage/irritation : not available
- (d) Respiratory or skin sensitization : not available
- (e) Germ cell mutagenicity : not available
- (f) Carcinogenicity : not available
- (g) Reproductive toxicity : not available
- (h) STOT0-single exposure : not available

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SECTION XII. ECOLOGICAL INFORMATION			
<p>12.1 Toxicity :</p> <p>(a) Fish : not available</p> <p>(b) Shellfish : not available</p> <p>(c) birds : not available</p> <p>12.2 Persistence and degradability</p> <p>(a) persistence : not available</p> <p>(b) degradability : not available</p> <p>12.3 Bioaccumulative potential : not available</p> <p>12.4 Mobility in soil : not available</p> <p>12.5 Other adverse effects : not available</p>			
SECTION XIII. DISPOSAL CONSIDERATIONS			
<p>13.1 Methods of disposal : Container disposal</p> <p>13.2 Disposal considerations : Empty container retains product residue.</p> <p style="padding-left: 100px;">Do not distribute, make available, furnish or reuse empty container</p>			
SECTION XIV. TRANSPORT INFORMATION			
<p>14.1. DOT : Not dangerous goods</p> <p>14.2. TDG : Not dangerous goods</p> <p>14.3. IATA : Not dangerous goods</p> <p>14.4. IMDG-CODE : Not dangerous goods</p> <p>14.5. RID : Not dangerous goods</p> <p>14.6. Other information : Not classified as supporting combustion according to the trasport regulations.</p>			
SECTION XV. REGULATORY INFORMATION			
<p>U.S REGULATIONS : Not listed</p> <p>TSCA INVENTORY STATUS : Not listed</p>			
SECTION XVI. OTHER INFORMATION			
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