

	Material Safety Data Sheet	CODE	SMI-NB-23700
		INSTITUTION DATE	2012.04.01
	BLUE	REVISION DATE	2020.02.01
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#### SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name                      Pastel Highlighter Blue

1.2 Use of the substance              For stationery Ink

1.3 Company Identification            HAINENKO LTD.

   284 Chase Road, London N14 6HF

   TEL. 0208 882 8734 Fax. 0208 882 7749

1.4 Emergency Phone No.              0208 882 8734

#### SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance    n/a

#### 2.2 Label elements

Hazard statements :

If used and handled properly, no hazardous reactions can be expected. Avoid wetting of skin, mucous membranes or clothing with the product. The product can dye skin and mucous membranes for a longer time period and clothing permanent.

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### SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	52 ~ 53	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	9003-54-7	20	
Basic Blue 3	33203-82-6	1 ~ 2	
Basic Yellow 40	35869-60-4	<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 Extionguishing media  
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture  
Not available
- 5.3 Advice for fire-fighers  
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) STOTO-single exposure : not available

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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity :

(a) Fish : not available

(b) Shellfish : not available

(c ) birds : not available

12.2 Persistence and degradability

(a) persistence : not available

(b) degradability : not available

12.3 Bioaccumulative potential : not available

12.4 Mobility in soil : not available

12.5 Other adverse effects : not available

  

SECTION XIII. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal : Container disposal

13.2 Disposal considerations : Empty container retains product residue.

Do not distribute, make available, furnish or reuse empty container

  

SECTION XIV. TRANSPORT INFORMATION

14.1 UN number : not available

14.2 UN proper shipping name : not available

14.3 Transport hazard class(es) : not available

14.4 Packing group : not available

14.5 Environmental hazards : not available

14.6 Special precautions for user : not available

  

SECTION XV. REGULATORY INFORMATION

U.S REGULATIONS : Not listed

TSCA INVENTORY STATUS : Not listed

  

SECTION XVI. OTHER INFORMATION

NOTE This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of SKYCHEM. The data on this sheet relates only to the specific material designated herein. SKYCHEM. Assumes no legal responsibility for use or reliance upon these data.

	Material Safety Data Sheet	CODE	SMI-NB-23130
		INSTITUTION DATE	2012.04.01
	LILAC	REVISION DATE	2020.02.01
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## SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name	Pastel Highlighter Lilac
1.2 Use of the substance	For stationery Ink
1.3 Company Identification	HAINENKO LTD. 284 Chase Road, London N14 6HF TEL. 0208 882 8734 Fax. 0208 882 7749
1.4 Emergency Phone No.	0208 882 8734

## SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance n/a

2.2 Label elements

Hazard statements :

If used and handled properly, no hazardous reactions can be expected. Avoid wetting of skin, mucous membranes or clothing with the product. The product can dye skin and mucous membranes for a longer time period and clothing permanent.

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		INSTITUTION DATE	2012.04.01
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### SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	50 ~ 52	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	9003-54-7	20	
Basic Red 1	989-38-8	1 ~ 2	
Basic Blue 3	33203-82-6	<1	
Basic Violet 13	8004-88-4	1 ~ 2	

### 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 Extionguishing media  
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture  
Not available
- 5.3 Advice for fire-fighers  
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) STOTO-single exposure : not available

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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity :

(a) Fish : not available

(b) Shellfish : not available

(c ) birds : not available

12.2 Persistence and degradability

(a) persistence : not available

(b) degradability : not available

12.3 Bioaccumulative potential : not available

12.4 Mobility in soil : not available

12.5 Other adverse effects : not available

  

SECTION XIII. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal : Container disposal

13.2 Disposal considerations : Empty container retains product residue.

Do not distribute, make available, furnish or reuse empty container

  

SECTION XIV. TRANSPORT INFORMATION

14.1 UN number : not available

14.2 UN proper shipping name : not available

14.3 Transport hazard class(es) : not available

14.4 Packing group : not available

14.5 Environmental hazards : not available

14.6 Special precautions for user : not available

  

SECTION XV. REGULATORY INFORMATION

U.S REGULATIONS : Not listed

TSCA INVENTORY STATUS : Not listed

  

SECTION XVI. OTHER INFORMATION

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	Material Safety Data Sheet	CODE	SMI-NB-23210
		INSTITUTION DATE	2012.04.01
	PINK	REVISION DATE	2020.02.01
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#### SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name                      Pastel Highlighter Pink

1.2 Use of the substance              For stationery Ink

1.3 Company Identification            HAINENKO LTD.

   284 Chase Road, London N14 6HF

   TEL. 0208 882 8734 Fax. 0208 882 7749

1.4 Emergency Phone No.              0208 882 8734

#### SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance    n/a

#### 2.2 Label elements

Hazard statements :

If used and handled properly, no hazardous reactions can be expected. Avoid wetting of skin, mucous membranes or clothing with the product. The product can dye skin and mucous membranes for a longer time period and clothing permanent.

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### SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	50 ~ 52	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	9003-54-7	20	
Basic Red 1	989-38-8	1 ~ 2	
Basic Yellow 40	35869-60-4	<1	
Basic Yellow 28	54060-92-3	<1	
Basic Violet 10	81-88-9	<1	
Basic Violet 13	8004-88-4	<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 Extionguishing media  
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture  
Not available
- 5.3 Advice for fire-fighers  
No special explosion hazard are known.

	Material Safety Data Sheet	CODE	SMI-NB-23210
		INSTITUTION DATE	2012.04.01
	PINK	REVISION DATE	2020.02.01
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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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	PINK	REVISION DATE	2020.02.01
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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) STOTO-single exposure : not available

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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity :

(a) Fish : not available

(b) Shellfish : not available

(c ) birds : not available

12.2 Persistence and degradability

(a) persistence : not available

(b) degradability : not available

12.3 Bioaccumulative potential : not available

12.4 Mobility in soil : not available

12.5 Other adverse effects : not available

  

SECTION XIII. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal : Container disposal

13.2 Disposal considerations : Empty container retains product residue.

Do not distribute, make available, furnish or reuse empty container

  

SECTION XIV. TRANSPORT INFORMATION

14.1 UN number : not available

14.2 UN proper shipping name : not available

14.3 Transport hazard class(es) : not available

14.4 Packing group : not available

14.5 Environmental hazards : not available

14.6 Special precautions for user : not available

  

SECTION XV. REGULATORY INFORMATION

U.S REGULATIONS : Not listed

TSCA INVENTORY STATUS : Not listed

  

SECTION XVI. OTHER INFORMATION

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	Material Safety Data Sheet	CODE	SMI-NB-23100
		INSTITUTION DATE	2012.04.01
	RED	REVISION DATE	2020.02.01
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#### SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name                      Pastel Highlighter Red

1.2 Use of the substance              For stationery Ink

1.3 Company Identification            HAINENKO LTD.

   284 Chase Road, London N14 6HF

   TEL. 0208 882 8734 Fax. 0208 882 7749

1.4 Emergency Phone No.              0208 882 8734

#### SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance    n/a

#### 2.2 Label elements

Hazard statements :

If used and handled properly, no hazardous reactions can be expected. Avoid wetting of skin, mucous membranes or clothing with the product. The product can dye skin and mucous membranes for a longer time period and clothing permanent.



	Material Safety Data Sheet	CODE	SMI-NB-23100
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	RED	REVISION DATE	2020.02.01
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### SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	51 ~ 53	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	9003-54-7	20	
Basic Red 1	989-38-8	1 ~ 2	
Basic Violet 10	81-88-9	<1	
Basic Violet 13	8004-88-4	<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 Extionguishing media  
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture  
Not available
- 5.3 Advice for fire-fighers  
No special explosion hazard are known.

	Material Safety Data Sheet	CODE	SMI-NB-23100
		INSTITUTION DATE	2012.04.01
	RED	REVISION DATE	2020.02.01
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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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		INSTITUTION DATE	2012.04.01
	RED	REVISION DATE	2020.02.01
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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) STOTO-single exposure : not available

	Material Safety Data Sheet	CODE	SMI-NB-23100
		INSTITUTION DATE	2020.02.01
	RED	REVISION DATE	2019.06.01
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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity :

- (a) Fish : not available
- (b) Shellfish : not available
- (c ) birds : not available

12.2 Persistence and degradability

- (a) persistence : not available
- (b) degradability : not available

12.3 Bioaccumulative potential : not available
12.4 Mobility in soil : not available
12.5 Other adverse effects : not available

SECTION XIII. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal : Container disposal
13.2 Disposal considerations : Empty container retains product residue.  
Do not distribute, make available, furnish or reuse empty container

SECTION XIV. TRANSPORT INFORMATION

14.1 UN number : not available
14.2 UN proper shipping name : not available
14.3 Transport hazard class(es) : not available
14.4 Packing group : not available
14.5 Environmental hazards : not available
14.6 Special precautions for user : not available

SECTION XV. REGULATORY INFORMATION

U.S REGULATIONS : Not listed
TSCA INVENTORY STATUS : Not listed

SECTION XVI. OTHER INFORMATION

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	Material Safety Data Sheet	CODE	SMI-NB-23401
		INSTITUTION DATE	2012.04.01
	YELLOW	REVISION DATE	2020.02.01
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#### SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name                      Pastel Highlighter Yellow

1.2 Use of the substance              For stationery Ink

1.3 Company Identification            HAINENKO LTD.

   284 Chase Road, London N14 6HF

   TEL. 0208 882 8734 Fax. 0208 882 7749

1.4 Emergency Phone No.              0208 882 8734

#### SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance    n/a

#### 2.2 Label elements

Hazard statements :

If used and handled properly, no hazardous reactions can be expected. Avoid wetting of skin, mucous membranes or clothing with the product. The product can dye skin and mucous membranes for a longer time period and clothing permanent.

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### SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	52 ~ 53	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	9003-54-7	20	
Basic Yellow 28	54060-92-3	1~2	
Basic Yellow 29	39279-59-9	<1	
Basic Yellow 40	35869-60-4	<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 Extionguishing media  
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture  
Not available
- 5.3 Advice for fire-fighers  
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) STOTO-single exposure : not available



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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity :

- (a) Fish : not available
- (b) Shellfish : not available
- (c ) birds : not available

12.2 Persistence and degradability

- (a) persistence : not available
- (b) degradability : not available

12.3 Bioaccumulative potential : not available
12.4 Mobility in soil : not available
12.5 Other adverse effects : not available

SECTION XIII. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal : Container disposal
13.2 Disposal considerations : Empty container retains product residue.  
Do not distribute, make available, furnish or reuse empty container

SECTION XIV. TRANSPORT INFORMATION

14.1 UN number : not available
14.2 UN proper shipping name : not available
14.3 Transport hazard class(es) : not available
14.4 Packing group : not available
14.5 Environmental hazards : not available
14.6 Special precautions for user : not available

SECTION XV. REGULATORY INFORMATION

U.S REGULATIONS : Not listed
TSCA INVENTORY STATUS : Not listed

SECTION XVI. OTHER INFORMATION

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		INSTITUTION DATE	2012.04.01
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#### SECTION I . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product name                      Pastel Highlighter Green

1.2 Use of the substance              For stationery Ink

1.3 Company Identification            HAINENKO LTD.

   284 Chase Road, London N14 6HF

   TEL. 0208 882 8734 Fax. 0208 882 7749

1.4 Emergency Phone No.              0208 882 8734

#### SECTION II . HAZARDS IDENTIFICATION

2.1 Classification of the substance    n/a

#### 2.2 Label elements

Hazard statements :

If used and handled properly, no hazardous reactions can be expected. Avoid wetting of skin, mucous membranes or clothing with the product. The product can dye skin and mucous membranes for a longer time period and clothing permanent.

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### SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%	REMARK
Pure Water	7732-18-5	50 ~ 52	
Glycerin	56-81-5	25	
Styrene-Acrylonitrile Copolymer	9003-54-7	20	
Basic Blue 3	33203-82-6	1 ~ 2	
Basic Yellow 28	54060-92-3	<1	
Basic Yellow 29	39279-59-9	<1	
Basic Yellow 40	35869-60-4	<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 Extionguishing media  
No flammable liquid
- 5.2 Special hazard arising from the substance or mixture  
Not available
- 5.3 Advice for fire-fighers  
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

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- (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) STOTO-single exposure : not available

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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity :

(a) Fish : not available

(b) Shellfish : not available

(c ) birds : not available

12.2 Persistence and degradability

(a) persistence : not available

(b) degradability : not available

12.3 Bioaccumulative potential : not available

12.4 Mobility in soil : not available

12.5 Other adverse effects : not available

  

SECTION XIII. DISPOSAL CONSIDERATIONS

13.1 Methods of disposal : Container disposal

13.2 Disposal considerations : Empty container retains product residue.

Do not distribute, make available, furnish or reuse empty container

  

SECTION XIV. TRANSPORT INFORMATION

14.1 UN number : not available

14.2 UN proper shipping name : not available

14.3 Transport hazard class(es) : not available

14.4 Packing group : not available

14.5 Environmental hazards : not available

14.6 Special precautions for user : not available

  

SECTION XV. REGULATORY INFORMATION

U.S REGULATIONS : Not listed

TSCA INVENTORY STATUS : Not listed

  

SECTION XVI. OTHER INFORMATION

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