

# SAFETY DATA SHEET

## Crayon

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name: Crayon

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: No information available.

### 1.3 Details of the supplier of the safety data sheet

Company name: Ningbo Luckycolors Stationery Co.,Ltd.

Contact person: Dingzheng Zhou

Address: Building 2, No. 1, Gouwan, Fumin Village, Guoju Street, Beilun District, Ningbo City, Zhejiang Province

Telephone number: +86-574-86712508

E-mail address: 52791527@qq.com

### 1.4 Emergency telephone number:

+86-574-86712508

Other information: /

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance/mixture according to Regulation (EC) No 1272/2008(CLP)

#### Physical hazards

No information available.

#### Health hazards

No information available.

#### Environmental hazards

No information available.

### 2.2 Label Elements

**Hazard pictogram(s):** None.

**Signal Word:** None.

#### Hazard Statements

No information available.

#### Precautionary statements

No information available.

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### 2.3 Other hazards

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 1) Red

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
4-[(2-chlorophenyl) azo]-3-hydroxy-N-p henyl-naphthalene-2 -carboxamide	0.6	6410-26-0	229-096-4	N/A	No data available

### 2) Yellow

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Pigment Yellow 14	0.6	5468-75-7	226-789-3	N/A	No data available

### 3) Dark blue

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
C.I.Pigment Blue 15	0.6	147-14-8	205-685-1	N/A	No data available

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### 4) Orange

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Pigment Orange 13	0.6	3520-72-7	222-530-3	N/A	No data available

### 5) Dark green

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Pigment Yellow 14	0.5	5468-75-7	226-789-3	N/A	No data available
C.I.Pigment Green 7	0.1	1328-53-6	215-524-7	N/A	No data available

### 6) Purple

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
C.I. Pigment Violet 3	0.5	1325-82-2	603-635-7	N/A	No data available
C.I. Pigment Violet 1	0.1	1326-03-0	215-413-3	N/A	No data available

### 7) Brown

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available

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Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
4-[(2-chlorophenyl)azo]-3-hydroxy-N-phenyl-naphthalene-2-carboxamide	0.35	6410-26-0	229-096-4	N/A	No data available
Pigment Orange 13	0.1	3520-72-7	222-530-3	N/A	No data available
Pigment Yellow 14	0.1	5468-75-7	226-789-3	N/A	No data available
C.I.Pigment Blue 15	0.05	147-14-8	205-685-1	N/A	No data available

### 8) Black

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Carbon black	0.6	1333-86-4	215-609-9	N/A	No data available

### 9) White

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Titanium dioxide	0.6	13463-67-7	236-675-5	N/A	No data available

### 10) Pink

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available

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Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Titanium dioxide	0.3	13463-67-7	236-675-5	N/A	No data available
C.I. Pigment Red 48:2	0.3	7023-61-2	230-303-5	N/A	No data available

### 11) Fruit Green

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Pigment Yellow 14	0.45	5468-75-7	226-789-3	N/A	No data available
C.I.Pigment Green 7	0.15	1328-53-6	215-524-7	N/A	No data available

### 12) Sky Blue

Component	Weight (%)	CAS No.	EC No.	Index No.	CLP Classification - Regulation (EC) No 1272/2008
Paraffin wax	42.6	8002-74-2	232-315-6	N/A	No data available
Stearic acid	28.4	57-11-4	680-589-4	N/A	No data available
Talc	28.4	14807-96-6	238-877-9	N/A	No data available
Titanium dioxide	0.5	13463-67-7	236-675-5	N/A	No data available
C.I.Pigment Blue 15	0.1	147-14-8	205-685-1	N/A	No data available

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Eye Contact** Immediately rinse open eyes with running water for at least 15 minutes. Seek medical advice if irritation develops or persists.

**Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.

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**Ingestion** Do not induce vomiting without medical advice. Clean mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid immediately if symptoms occur.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media:

Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Chemical foam.

#### Unsuitable extinguishing media:

No information available.

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

### 5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Ensure adequate ventilation, Avoid dust formation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors, mist, gas or dust.

#### 6.1.2 For emergency responders

Use suitable protective equipment for personal protection.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains, surface and ground water.

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### 6.3 Methods and material for containment and cleaning up

Sweep up, vacuum and collect in suitable, closed containers for recovery or disposal.

### 6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation. Wear personal protective equipment. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke while handling. Keep far away from flammable materials and heat source. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, heat and sources of ignition. Secure and label area. Protect containers/cylinders from physical damage. The storage area should be equipped with a leak emergency treatment equipment and suitable shelter materials.

### 7.3 Specific end use(s)

No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limit values

Component	Switzerland	France	Finland
Paraffin wax (8002-74-2)	TWA: 2 mg/m <sup>3</sup> (8 hours) (Respirable aerosol)	TWA: 2 mg/m <sup>3</sup> (8 hours)	TWA: 1 mg/m <sup>3</sup> (8 hours)
Component	Denmark	Sweden	Finland
Talc (14807-96-6)	TWA: 0.3 mg/m <sup>3</sup> (8 hours) (Respirable aerosol) STEL: 0.6 mg/m <sup>3</sup> (Respirable aerosol)	TWA: 2 mg/m <sup>3</sup> (8 hours) (Inhalable aerosol) TWA: 1 mg/m <sup>3</sup> (8 hours) (Respirable aerosol)	TWA: 0.5 fiber/cm <sup>3</sup> (8 hours) STEL: 2 mg/m <sup>3</sup> (15min) (Inhalable fraction) STEL: 1 mg/m <sup>3</sup> (15min) (Respirable fraction)

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Component	Ireland	France	Australia
Titanium dioxide (13463-67-7)	TWA: 10 mg/m <sup>3</sup> (8 hours) (Inhalable fraction) 4 mg/m <sup>3</sup> (8 hours) (Respirable fraction)	TWA: 11 mg/m <sup>3</sup> (8 hours) (Inhalable aerosol)	TWA: 10 mg/m <sup>3</sup> (8 hours)
Carbon black (1333-86-4)	TWA: 3.5 mg/m <sup>3</sup> (8 hours) STEL: 7 mg/m <sup>3</sup> (15 minutes)	TWA: 3.5 mg/m <sup>3</sup> (8 hours)	TWA: 3 mg/m <sup>3</sup> (8 hours)
Component	Latvia	France	Australia
C.I.Pigment Blue 15 (147-14-8)	TWA: 5 mg/m <sup>3</sup> (8 hours)	No data available	No data available

### Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

### Monitoring procedure

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

### Derived No Effect Level (DNEL)

No information available.

### Predicted No Effect Concentration (PNEC)

No information available.

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### 8.2.2 Individual protection measures

**Eye and face protection** Safety glasses with side-shields

**Skin protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory protection** Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Thermal hazards** Thermal decomposition can lead to release of irritating gases and vapors.

### 8.2.3 Environmental exposure controls

No information available.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	:	Colorized solid.
Odour	:	No data available.
Odour Threshold	:	No data available.
pH	:	No data available.
Melting point/freezing point	:	No data available.
Initial boiling point and boiling range	:	No data available.
Flash point	:	No data available.
Evaporation rate	:	No data available.
Upper/lower flammability/explosive limits	:	No data available.
Vapour pressure/ density	:	No data available.
Relative density	:	No data available.
Solubility(ies)	:	No data available.
Partition coefficient: n-octanol / water	:	No data available.
Auto-ignition temperature	:	No data available.
Decomposition temperature	:	No data available.
Viscosity	:	No data available.
Explosive properties	:	No information available.
Oxidising properties	:	No information available.

### 9.2 Other information

No data available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Hazardous polymerization does not occur.

### 10.2 Chemical stability

Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

None under normal processing.

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### 10.4 Conditions to avoid

Incompatible products, excess heat, exposure to moist air or water, keep away from fire.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride. Oxides of nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### (a) acute Toxicity

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Paraffin wax(8002-74-2)	3750 mg/kg (Rat)	3600 mg/kg(Rabbit)	No data available
Stearic acid(57-11-4)	2 g/kg (Rat)	5 g/kg(Rabbit)	No data available
Titanium dioxide (13463-67-7)	>10000 mg/kg (Rat)	>10000 mg/kg (Rabbit)	>5.09 mg/L/4h (Rat)
Carbon black(1333-86-4)	> 8000 mg/kg (Rat) 10000 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	No data available
C.I.Pigment Blue 15 (147-14-8)	> 5 g/kg(Rat)	No data available	No data available

**(b) skin corrosion/irritation** No information available.

**(c) serious eye damage/irritation** No information available.

#### (d) respiratory or skin sensitisation

**Respiratory** No information available.

**Skin** No information available.

**(e) germ cell mutagenicity** No information available.

#### (f) carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	IARC	EU
Titanium dioxide(13463-67-7)	Group 2B	Not classified
Carbon black(1333-86-4)	Group 2B	Not classified

Note: IARC Group 2B - Possibly carcinogenic to humans.

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(g) reproductive toxicity	No information available.
(h) STOT-single exposure	No information available.
(i) STOT-repeated exposure	No information available.
Target Organs	No information available.
(j) aspiration hazard	No information available.
Other Adverse Effects	The toxicological properties have not been fully investigated.
Endocrine Disruptor Information	None known.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Ecotoxicity effects

Do not empty into drains. The product contains following substance(s) which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Talc (14807-96-6)	No data available	LC50: >100 g/L 96h	No data available	No data available
C.I.Pigment Blue15 (147-14-8)	No data available	LC50:>100 ppm, 48h (Oryzias latipes)	No data available	No data available
Carbon black (1333-86-4)	EC50: > 10000 mg/L, 72h (Desmodesmus subspicatus) (green algae)	LC50: > 1000 mg/L, 96h (Danio rerio)	No data available	EC50: > 5600 mg/L, 24h (Daphnia magna)
C.I.Pigment Green 7 (1328-53-6)	No data available	LC50:>250 ppm, 48h (Oryzias latipes)	No data available	No data available

**12.2 Persistence and degradability** No information available.

#### 12.3 Bioaccumulative potential

Component	log Pow	Bioconcentration factor (BCF)
C.I.Pigment Blue 15(147-14-8)	6.6	0.3 - 11 OECD 305C
C.I.Pigment Green 7(1328-53-6)	No data available	0.51 - 4.8 (conc. 100 ppb); 1 - 74 (conc. 10 ppb)

**12.4 Mobility in soil** No information available.

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**12.5 Results of PBT and vPvB assessment** No data available for assessment.

**12.6 Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Waste from Residues / Unused Products** Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Do not dispose of waste into sewer.

**Contaminated Packaging** Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

**IMDG/IMO** Not regulated.

**14.1 UN number**

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)**

**14.4 Packing group**

**ADR/RID** Not regulated.

**14.1 UN number**

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)**

**14.4 Packing group**

**ICAO/IATA** Not regulated.

**14.1 UN number**

**14.2 UN proper shipping name**

**14.3 Transport hazard class(es)**

**14.4 Packing group**

**14.5 Environmental hazards** No hazards identified.

**14.6 Special precautions for user** No special precautions required.

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14.7 Transport in bulk according to Annex Not applicable, packaged goods.

II of Marpol73/78 and the IBC Code

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories X = listed

Component	EINECS	NZIoC	TSCA	DSL	NDSL	PICCS	IECSC	AICS	KECI
Paraffin wax	232-315-6	X	X	X	-	X	X	X	X
Stearic acid	680-589-4	X	-	X	-	X	X	X	X
Talc	238-877-9	X	X	X	-	X	X	X	X
4-[(2-chlorophenyl)azo]-3-hydroxy-N-phenyl-naphthalene-2-carboxamide	229-096-4	-	X	-	X	-	-	-	-
Pigment Yellow 14	226-789-3	X	X	X	-	X	X	X	X
C.I.Pigment Blue 15	205-685-1	X	X	X	-	X	X	X	X
Pigment Orange 13	222-530-3	X	X	X	-	X	X	X	X
C.I.Pigment Green 7	215-524-7	X	X	X	-	X	X	X	X
C.I. Pigment Violet 3	603-635-7	X	X	X	-	X	X	X	X
C.I. Pigment Violet 1	215-413-3	X	X	X	-	X	X	X	X
Carbon black	215-609-9	X	X	X	-	X	X	X	X
Titanium dioxide	236-675-5	X	X	X	-	X	X	X	X
C.I. Pigment Red 48:2	230-303-5	X	X	X	-	X	X	X	X

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS - European Inventory of Existing Commercial Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECI - Korea Existing Chemicals Inventory

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#### 15.2. Chemical safety assessment

No information available.

### 16. OTHER INFORMATION

This SDS complies with the requirements of Regulation (EC) No. 1907/2006 (REACH) Annex II, Regulation (EU) No. 2015/830, Regulation (EC) No. 1272/2008 and amending Regulation (EU) 2018/1480.

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