

# Safety Data Sheet

Crayon

01123-1032

HANGZHOU JIEFA MATERIALS CO., LTD

Date: 25/01/2015

## 1 Identification of the substance and of the company/undertaking

### 1.1 Product identifier:

Identification on the label/Trade name: Crayon  
 Product code: Not available  
 Identification of the product: See section 3

### 1.2 Relevant identified uses of the substance and uses advised against:

#### 1.2.1 Identified uses:

Arts and Crafts

#### 1.2.2 Uses advised against:

Not available.

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

Supplier(Manufacturer): HANGZHOU JIEFA MATERIALS CO., LTD  
 Address: D-401, 11#Xiyuan 8th road, West Lake Science and Technology Park  
 Contact person(E-mail): tony1@jiefachina.com  
 Telephone: +86- 571- 2886 6668  
 Fax: +86- 571- 2886 6677

### 1.4 Emergency telephone Number:

+86- 571 -2886 6668

Available outside office hours?

YES

☐

NO

☒

## 2 Hazards Identification

### 2.1 Classification of the substance

#### 2.1.1 Classification:

The substance is classified as following according to GHS and 67/548/EEC:

GHS	
Hazard classes/Hazard categories	Hazard statement
N/A	N/A

For full text of H- phrases: see section 2.2.

67/548/EEC	
Hazards characteristics	R-Phrases
N/A	N/A

For full text of R- phrases: see section 16.

#### 2.1.2 The most important adverse effects

##### 2.1.2.1 The most important adverse physicochemical effects:

Not applicable.

##### 2.1.2.2 The most important adverse human health effects:

Not applicable.

##### 2.1.2.3 The most important adverse environmental effects:

Not applicable.

### 2.2 label elements

**Hazard Pictograms:** No hazard pictogram is used.

**Signal Word(S):** No signal word is used.

**Hazard Statement:** Not applicable.

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**Precautionary Prevention:**      **Statement**      Not applicable.

**Precautionary Response:**      **Statement**      Not applicable.

**Precautionary Storage:**      **Statement**      Not applicable.

**Precautionary Disposal:**      **Statement**      Not applicable.

### 3 Composition/information on ingredients

**Substance/Mixture:**      Mixture

**Ingredient(s):**

Chemical Name	Index No.	CAS No.	CI No.	Percentage up to 0.01%	KGS
Paraffin	N/A	63231-60-7	63231-60-7	31.43	50
Vaseline	N/A	8009-03-8	8009-03-8	4.67	7
Stearin acid	N/A	57-11-4	57-11-4	26.66	40
Calcium carbonate	N/A	471-34-1	471-34-1	16.67	25
Saponite	N/A	1319-41-1	1319-41-1	16.67	25
Titanium dioxide	N/A	13463-67-7	13463-67-7	17.33	12
Tetrasodium	N/A	27836-01-7	27836-01-7	0.27	0.1
Pigment phthalocyanine	N/A	1328-53-6	1328-53-6	2.64	4
Pigment vermilion R	N/A	2814-77-9	2814-77-9	0.77	1.2
Pigment yellow permanert	N/A	4531-49-1	4531-49-1	0.19	0.3
Pigment fast light red lake	N/A	12224-98-5	12224-98-5	0.75	1.2
Fasr red BBN	N/A	5208-66-0	5208-66-0	2.00	3
Iron oxide	N/A	1345-25-1	1345-25-1	5.13	8
Carbon black	N/A	1333-86-4	1333-86-4	0.52	0.8
Iron oxide yellow	N/A	1345-25-1	1345-25-1	5.14	8
Ultramarine Blue	N/A	57455-37-5	57455-37-5	5.12	31.43
Pigment fast violet	N/A	1325-82-2	1325-82-2	0.34	5
Pigment fast rose tonert	N/A	1326-03-0	1326-03-0	1.34	2
Fast yellow	N/A	6486-23-3	6486-23-3	2.60	4

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Pigment vermilion R	N/A	2814-77-9	2814-77-9	0.77	1.2
Pigment yellow permanert	N/A	4531-49-1	4531-49-1	0.19	0.3
Pigment fast light red lake	N/A	12224-98-5	12224-98-5	0.75	1.2
Fast red BBN	N/A	5208-66-0	5208-66-0	2.00	3
Iron oxide	N/A	1345-25-1	1345-25-1	5.13	8
Carbon black	N/A	1333-86-4	1333-86-4	0.52	0.8
Iron oxide yellow	N/A	1345-25-1	1345-25-1	5.14	8
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#### 4 First aid measures

##### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

##### 4.1.1 In case of inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Seek medical attention if irritation develops or persists.

##### 4.1.2 In case of skin contact:

Wash skin with soap and copious amounts of water. While removing contaminated clothing and shoes. Be particularly careful to clean folds, crevices, creases and groin.

##### 4.1.3 In case of eyes contact:

Immediately flush eyes with plenty of water. Occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

##### 4.1.4 In case of ingestion:

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Never give anything by mouth to an unconscious person. Wash out mouth with water. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical aid.

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

The product is not classified as harmful to human health effect.

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

If skin irritation or rash occurs, get medical advice/attention.

### 5 Fire-Fighting measures

#### 5.1 Extinguishing media:

**Suitable extinguishing media:** water spray, carbon dioxide, or appropriate foam.

**Unsuitable extinguishing media:** Not available.

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

Not available.

#### 5.3 Advice for fire-fighters:

Material should be kept out of eyes and of skin. As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear. Do not release runoff from fire control methods to sewers or waterways.

### 6 Accidental release measures

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

Avoid dust formation. Evacuate area of all unnecessary personnel. Use personal protective equipment. Fine dust dispersed in air may ignite.

#### 6.2 Environmental Precautions:

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

#### 6.3 Methods for Containment and Cleaning up:

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Clean up affected area.

#### 6.5 Additional information:

Don't use a brush or compressed air for cleaning surfaces or clothing.  
Clear spills immediately.

### 7 Handling and storage

#### 7.1 safe handling:

##### 7.1.1 Protective measures:

Avoid breathing dusts or fumes. Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

##### 7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

#### 7.2 Storage:

Products stored in a cool, dry area in a closed container.

### 8 Exposure control/personal protection

#### 8.1 Control parameters:

**8.1.1 Occupational exposure limits:** Not listed

**8.2.1 Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

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**8.2 Personal protection :**

Eye/face protection	Wear chemical splash goggles.
Hand protection	Wear appropriate gloves to prevent skin exposure.
Body protection	Wear suitable protective clothing to prevent skin exposure.
Respiratory protection	Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA 1910.134 and good industrial hygiene practice.
Thermal hazards	Wear suitable protective clothing to prevent heat.

**9 Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance:	Solid
Colour:	multicolor
Odour:	none
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	Not available
Boiling point/range (°C) :	Not available
Flash point (°C) :	Not available
Evaporation rate:	Not applicable
Flammability (solid, gas);	Not available
Ignition temperature (°C) :	Not determined
Upper/lower flammability/explosive limits:	Not determined
Vapour pressure (20°C) :	No information available
Vapour density:	Not determined
Relative Density (25°C):	Not determined
Bulk density (kg/m <sup>3</sup> ) :	Not determined
Water solubility (g/l) at 20°C :	Insolubility
n-Octanol/Water (log Po/w) :	Not determined
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity 25°C (mPa s) :	Not available
Explosive properties:	Not determined
Oxidising properties:	Not applicable
Acid value:	Not determined
Free-formaldehyde	Not determined
Tolerance	Not determined

**9.2. Other information:**

Fat solubility(solvent— oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water( pKa):	Not available
Oxidation-reduction Potential:	Not available

**10 Stability and reactivity****10.1 Reactivity:**

The substance is stable under normal storage and handling conditions.

**10.2 Possibility of hazardous reactions:**

No dangerous reactions known.

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### 10.3 Conditions to avoid:

Not available

### 10.4 Incompatible materials:

Not available

### 10.5 Hazardous decomposition products:

Not available

## 11 Toxicological information

### 11.1 Toxicokinetics, metabolism and distribution

**Non-human toxicological data:** Not available

### 11.2 Information on toxicological effects

#### Acute toxicity:

LD50( Oral, Rat): Not available

LD50(Dermal Rabbit): Not available

LC50(Inhalation, Rat): Not available

**Skin corrosion/Irritation:** Not classified

**Serious eye damage/irritation:** Not classified

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**reproductive toxicity:** Not classified

**STOT- single exposure:** Not classified

**STOT-repeated exposure:** Not classified

**Aspiration hazard:** Not classified

## 12 Ecological information

### Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
LC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	96h	Algae	OECD 201	N/A	N/A

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

## 13 Disposal considerations

### 13.1 Waste treatment methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

### 13.2 Product / Packaging disposal:

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose

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according to national or local regulations. .

### 14 Transport information

	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
<b>UN-Number:</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper shipping name:</b>	Not regulated	Not regulated	Not regulated
<b>Transport hazard Class:</b>	Not regulated	Not regulated	Not regulated
<b>Packaging group:</b>	Not regulated	Not regulated	Not regulated
<b>Environmental hazards:</b>	Not regulated	Not regulated	Not regulated
<b>Special precautions for user:</b>	See section 2.2	See section 2.2	See section 2.2

### 15 Regulation information

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

Whether be recorded by other nations chemicals directory : Not available.

#### 15.2 Downstream users precautions:

Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

### 16 Other information

**16.1 Indication of changes** Version 1.1 Amended by EU No 453/2010

#### 16.2 Relevant R- phrases (number and full text):

Not applicable.

#### 16.3 Training instructions:

Not applicable.

#### 16.4 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

#### 16.5 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.