

SAFETY DATA SHEET

Regulation (EC) No. 1907/2006, 1272/2008

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1- IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING.....

- **Product identifier**
- **Trade name:** gel crayon
- **Article number:** Data not available
- **Registration number:** Data not available
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance/ the preparation:** DRAWING AND PAINTING
- **Details of the supplier of the safety data sheet**
- **Manufacturer/ Supplier:** SHANGHAI GUOYUN INDUSTRIAL LTD. CO
- **Email:** :54777435@163.com
- **Company address:** :1st floor, 480 Hongxu RD, Minghang District, Shanghai
- **Telephone number:** :8621-54777435
- **Emergency telephone number:** :13916706399

2- HAZARDS IDENTIFICATION.....

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Not applicable

Hazard pictograms Not applicable

Signal word Not applicable

Hazard-determining components of labeling: Not applicable

Hazard statements Not applicable

Precautionary statements Not applicable

Other hazards Not applicable

Result of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

EUH212: "Warning! Hazardous respirable dust may be formed when used. Do not breathe dust."

3- COMPOSITION/ INFORMATION ON INGREDIENTS.....

Chemical characterization: Mixtures

Description: Mixture: consisting of the following components.

Non-dangerous basic component:

CAS number	Index number	Component name	Concentration (%)
67701-03-5		Stearic acid	38.50%
7732-18-5		water	25%
13463-67-7		Titanium Dioxide	3%
107-21-1		Ethane-1,2-diol	9.60%
56-81-5		Glycerol	18.90%

AUBERGINE

215247-95-3		Dioxazine purple	5.00%
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WHITE

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1317-80-2		Titanium oxide	5%
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BUBBLE BULE

147-14-8		Phthalocyanine blue	4%
13463-67-7		Titanuim Dioxide	1%

DARK BLACK

12227-89-3		Iron oxide black	5%
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FRUITY ORANGE

5468-75-7		Pigment Yellow 14;	3.50%
6410-26-0		Pigment Red 21;	1.50%

GREEN GOLF

1328-53-6		Pigment Green 7	5.00%
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LIGHT GREEN

5468-75-7		Pigment Yellow 14;	3%
1328-53-6		Pigment Geen 7;	2%

LOVELY PINK

6410-26-0		Pigment Red 21;	3%
13463-67-7		Titanuim Dioxide	2%

MARINA BLUE

147-14-8		copper phthalocyanine	4.00%
1317-80-2		Titanium oxide	1.00%

RED KISS

6410-26-0		Pigment Red 21	5%
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SUNNY YELLOW

5468-75-7		Pigment Yellow 14	5%
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WOODY BROWN

1317-61-9		Tri-iron tetra oxide	2%
1309-37-1		Ferric oxide	3%

Remark:

4- FIRST AID MEASURES.....

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing:

Rinse mouth with water.

If symptoms persist consult doctor.

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Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5- FIRE-FIGHTING MEASURES.....

Extinguishing media: Use dry chemical powder, carbon dioxide, or chemical foams.

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment:

Mouth respiratory protective device.

Wear fully protective suit.

6- ACCIDENTAL RELEASE MEASURES.....

Personal precautions, protective equipment and emergency procedures:

Environmental precaution: Prevent entry into the sewage system.

Methods and material for containment and cleaning up:

Remove all sources of ignition. Provide adequate ventilation, wear appropriate personal protection.

Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container.

Reference to other sections:

See Section 7 information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7- HANDLING AND STORAGE.....

Handling:

Precautions for safe handling:

Avoid contact with eyes. Do not ingest or inhale. Prevent form breathing of vapor or swallowing it.

Information about fire- and explosion protection: Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in ca cool location.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s) No further relevant information available.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION.....

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:Data not available

DNELs: Data not available

PNECs: Data not available

Additional information: The lists valid during the making were used as basis.

Exposure controls

Based on composition shown in Section 3, the following measures are suggested for occupational safety measure:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Suitable respiratory protective device recommended.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

9- PHYSICAL AND CHEMICAL PROPERTIES.....

Information on basic physical and chemical properties

General information

Appearance:

Form:	Solid
Colour:	12 standard color
Odour:	Odourless
Odour threshold:	Data not available.

Ph-value:	Data not available
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Change in condition

Melting point/ Melting range:	Data not available.
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Boiling point/ Boiling range:	Data not available
Freezing point:	Data not available
Flash point:	Data not available
Flammability (solid, gaseous):	Data not available
Auto- Ignition temperature:	Data not available
Decomposition temperature:	Data not available
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Data not available
Upper:	Data not available
Oxidizing properties:	Data not available
Vapour pressure:	Data not available
Vapour pressure:	Data not available
Density:	Data not available

Relative density:	Data not available
Vapour density:	Data not available
Evaporation rate	Data not available

Solubility in / Miscibility with water: Data not available

Partition coefficient (n-octanol/ water): Data not available

Viscosity:

Dynamic: Data not available

Kinematic: Data not available

Other information No further relevant information available.

10- STABILITY AND REACTIVITY.....

Reactivity No decomposition if used according to specification.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11- TOXICOLOGICAL INFORMATION.....

Information on toxicological effects

Acute toxicity: Data not available

Primary irritant effect:

On the skin: Irritating effect impossible.

On the eye: Irritating effect possible.

Sensitization: Sensitization possible

Toxicokinetics, metabolism and distribution No further relevant information available.

Acute effects (acute toxicity, irritation and corrosivity) No further relevant information available.

Repeated dose toxicity No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No further relevant information available.

12- ECOLOGICAL INFORMATION.....

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behaviour in environmental systems.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13- DISPOSAL CONSIDERATIONS.....

Waste treatment methods

Recommendation: dispose of in accordance with all local, provincial, state, and federal regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14- TRANSPORT INFORMATION.....

Land transport ADR/RID (cross-border)

ADR/RID class :

Danger code (Kemler) :

UN-Number :

Packaging group :

Hazard label :

UN proper shipping name :

Limited quantities (LQ)

Transport category

Tunnel restriction code

Maritime transport IMDG :

IMDG Class :

UN Number :

Label

Packaging group :

Marine pollutant : No

Proper shipping name :

Air transport ICAO-TI and IATA-DGR :

ICAO/IATA Class :

UN/ID Number :

Label

Packaging group :

Proper shipping name :

UN 'Model Regulation' :

Special precautions for user Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

15- REGULATORY INFORMATION.....

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

Section 355 (extremely hazardous substances):

None of the ingredients is listed

Section 313 (Specific toxic chemical listings):

None of ingredients is listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed

Chemicals known to cause developmental toxicity"

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None of the ingredients is listed.

Cancerogenity categories

EPA (Environmental Protection Agency)
None of the ingredients is listed.

IARC(International Agency for Research on Cancer)
None of the ingredients is listed

NTP (National Toxicology Program)
None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)
None of the ingredients is listed.

MAK(German Maximum Workplace Concentration)
None of the ingredients is listed

NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed

National regulations:
Waterhazard class; Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

Candidate List of Substances of very high concern (SVCH) according to ECHA (15/12/2010)
None of the ingredients is listed.

REACH Regulation Annex XVII Restriction (22/6/2009)
None of the ingredients is listed

REACH Regulation Annex XIV Authorization List (17/2/2001)
None of the ingredients is listed

Chemical safety assessment; A Chemical Safety Assessment has not been carried out.

16- OTHER INFORMATION.....

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1272/2008, REGULATION (EC) No 1907/2006 and EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

Abbreviations and acronyms"

ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the Inthernational Carriage of Dangerous Goods by Road)
RID: Reglement international concernant le transport des marchandises dangereuse par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Rgulations by the "International Air Transport Asssociation" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH0
LC50; Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

END OF DOCUMENT