

MATERIAL SAFETY DATA SHEET

Chemical Product and Company Identification

Product Name: Sublimation Paper

Company name: Changzhou Jigu Digital Co., Ltd.

Address: No. 10 Changfan Rd., Wujin Economic Development Zone, Changzhou, Jiangsu, China

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Hazards Identification

- ① Fatalness grade: /
- ② Invasion route: Inhalation, Ingestion-
- ③ Health hazards: No known significant effects or critical hazards
- ④ Environment hazards: No known significant effects or critical hazards
- ⑤ Burn & burst danger: The sample can ignite.

Composition/Information on Ingredient

Pure Admixture Composition:

Chemical Name	Composition (Weight%)	CAS No.	Remarks
Pulp	90%	65996-61-4	
Carboxymethyl cellulose	10%	9004-32-4	

First Aid Measures

- ① Inhalation: Cannot be inhaled as a solid, generally do not need special protection.
- ② Ingestion: Swallowing was not easy in regular condition. Get medical aid when needed.

Fire Fighting Measures Danger

- ① Characteristic: The sample can ignite.
- ② Hazardous combustion products: Nitrogen, oxides, Carbon monoxide, Carbon dioxide
- ③ Fire-Fighting method & media: use extinguish such as water, chemical dry powder, carbon dioxide dry power, bubble to put out the fire.

Accidental Release Measures

- ① Emergency treatment: No special requirement for operators.
- ② Small leak: Cleaning with broom set or by hand.
- ③ Large leak: Recycle or transport to waste disposal site.

Handling and Storage

- ① Handling: Operator staff should wear work uniforms & smash-proof shoes during load/unloading, all rolls over 60cm length or 20Kg weight should handle by 2 operators for safety purpose. Keep away from the fire source, heat source, no smoking in the workplace, also away from water source to prevent affect by damp.
- ② Storage: Stored in a cool, ventilation warehouse. Away from fire, heat source, oxidant and acid stocking area. Equipped with the appropriate variety and quantity of fire equipment.

Exposure Controls, Personal Protection

- ① Maximum admissible concentration: No standard yet.
- ② Monitoring Method: /
- ③ Engineering Control: Provide a full line of wind.
- ④ Respiratory Protection: Wear self-inhalation filter type dust respirator if the dust density exceeds in the air.
- ⑤ Eyes Protection: Generally, do not need special protection.
- ⑥ Body Protection: Generally, do not need special protection.
- ⑦ Hands Protection: Generally, do not need special protection.
- ⑧ Other Protections: No smoking, dining and drinking water in the workplace.

Physical and Chemical Properties

- ① Appearance: Solid
- ② Color: White
- ③ Odor: No smell
- ④ Density:/
- ⑤ Boiling Point: No data.
- ⑥ Melting Point: No data.
- ⑦ Flashpoint: No data
- ⑧ Vapour Pressure: No data.
- ⑨ Solubility in Water: Insoluble in water
- ⑩ Partition coefficient (n-octanol / water): No data.
- ⑪ Viscosity: Not applicable
- ⑫ PH Value: No data.
- ⑬ Permission of solvent inhalation: No data.
- ⑭ Solubility: Insoluble in water
- ⑮ Ignition temperature: 400°C

Stability and Reactivity

- ① Stability: Stable under normal temperature and pressure.
- ② Distribution of Ban: Strong oxidizer, strong acid.
- ③ Conditions to Avoid: Fire and heating source, oxidant and acids, water & dump area.
- ④ Hazardous Polymerization: No data
- ⑤ Hazardous Decomposition Products: Under normal conditions of storage and use hazardous decomposition products should not be produced.

Toxicological Information

- ① Acute Toxicity: No data.
- ② Sub-acute and Chronic Toxicity: No data.
- ③ Irritation: No data.
- ④ Sensitization: No data.
- ⑤ Mutagenicity: No data.
- ⑥ Carcinogenicity: No data.
- ⑦ Others: /

Ecological Information

- ① Eco-toxicity: No known significant effects or critical hazards.
- ② Biodegradable: No applicable.
- ③ Non-biodegradable: No applicable.
- ④ Bioconcentration or biological accumulation: No applicable.
- ⑤ Other harmful effects: No known significant effects or critical hazards.

Disposal Considerations

- ① Nature of waste: /
- ② Waste disposal methods: Recycling
- ③ Attention abandoned: /

Transport Information

- ① Number of dangerous goods: No applicable.
- ② UN Number: No data.
- ③ Packaging Mark: No data.
- ④ Packaging Method: No data.
- ⑤ Transport Attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don't use device and tools which easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in railway. According to the IMDG Code (inc AMDT 34-08) 2016 Edition, The sample is not regulated for transport of dangerous goods.

Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures. The International Maritime Dangerous Goods (IMDG) Code.

Additional Information

The above information is based on the data of which we are aware and believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.