

## Material Safety Data Sheets

### Section 1 - Product and Company Identification

<b>Product Identification:</b>	Thermal Paper
<b>Supplier Name:</b>	YIWU HEMAI TECHNOLOGY CO,LTD
<b>Supplier Address:</b>	No.39 Suxin Street, Suxi Town, Yiwu, China
<b>Brand name:</b>	/
<b>Sample Model:</b>	/
<b>Contact Person :</b>	CHEN LI
<b>Telephone/FAX No. :</b>	+86 - 13750956765
<b>Emergency Telephone No.:</b>	+86 - 13750956765
<b>E-mail:</b>	3079088748@qq.com
<b>Service Requested:</b>	Preparation of Safety Data Sheet (SDS) for the sample with submitted information
<b>According to the standard:</b>	As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) N 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Signed for and on behalf of



Tony Pan/ Approved Signatory

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### Section 2- Hazards Identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008:

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Danger symbol: No corresponding classification standard

Mouth swallowing : H302 May cause damage if swallowed

Skin irritation: Non-irritating

##### Information on special hazards for humans and the environment:

According to the EU CLP Regulation (EC) No1272/2008 product classification requirements, products must be labeled

##### Classification system:

The classification is according to the latest edition of EU Regulation(EC) No. 1272/2008, and extended by company and literature data.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to CLP Regulation.

##### Danger symbol:

No corresponding classification standard

##### Signal Word :

No corresponding classification standard

##### Hazard statements:

H302 May cause damage if swallowed

H402 Harmful to aquatic life.

##### Warning statement

##### Precautionary Action Statement:

P101 If medical advice is needed, have product con or label at hand.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Description of emergency measures:

P301 IF SWALLOWED

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell.

P381 In case of leakage, eliminate all ignition sources.

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<p><b>Storage and Handling Precautions:</b>  P402 Store in a dry place.  P403 Store in a well-ventilated place  P501 Dispose of contents/container to an approved waste disposal facility.  P502 Refer to manufacturer or supplier for information on recovery or recycling.</p>			
<p><b>2.3 Other hazards</b>  <b>Skin contact:</b> : Non-irritating  <b>Inhaling:</b> If accidental poisoning, it will cause gastrointestinal stimulated, nausea, vomiting, diarrhea.  <b>May cause respiratory irritation.</b></p>			
<b>Section 3- Composition Information</b>			
<b>Elements</b>	<b>Percentages</b>	<b>CAS No.</b>	<b>Content</b>
Aluminium powder	62--65	25038-59-9 79	*
Paraffin Wax	12--20	8002-74-2	*
Basic Violet 3	5--10	548-62-9	*
Ethylene-vinyl Acetate Copolymer	0.5--2	24937-78-8	*
Other	2--4	Trade Secret	*
<p>Mixtures .Description: Mixture of substances listed below with nonhazardous additions. For the wording of the listed hazard statements refer to section 16.</p> <p>“ * ” The exact percentage (concentration) of composition has been withheld as a trade secret.</p>			

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<b>Section 4- First Aid Measures</b>	
<b>Into eyes</b>	Flush eyes with water as a precaution.
<b>Skin contact</b>	In case of scald caused by molten polymer on the skin, use cold water to cool it in time Peel the polymer from the skin. Seek medical advice when scalding.
<b>Inhalation:</b>	Under normal conditions, there is no volatile matter.
<b>Ingestion:</b>	Drink plenty of lukewarm water, induce vomiting, and get to the nearest doctor.
<b>Section 5- Fire Fighting Measures</b>	
<b>Dangerous Features:</b>	There is a danger of burning in case of open flame, high heat or contact with oxidants.
<b>Extinguishing methods and extinguishing agents:</b>	Move the container from the fire area to an open area as much as possible. Extinguishing media: water mist, foam, dry powder, carbon dioxide, sand.
<b>Fire fighting precautions:</b>	Firefighters must wear gas masks and full-body firefighting suits to put out the fire in the windward direction. Move the container from the fire area to an open area as much as possible. Keep fire containers cool by spraying water until the fire is over.
<b>Hazardous Combustion Products</b>	Carbon monoxide and carbon dioxide are generally produced.

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### Section 6- Accidental Release Measures

**Emergency treatment:**

Isolate the leaked contaminated area and restrict access. Cut off the source of ignition. Collect with a clean spatula in a dry, clean, covered container. If there is a large amount of leakage, collect and recycle.

**Environment precautions:**

Make sure the workplace is well ventilated and do not place the product where there is a source of ignition.

**Cleaning method :**

If this product pollutes the environment, it can be wiped with alcohol.

### Section 7- Handling and Storage

**Handling:**

Avoid strong impacts.

**Storage:**

Store in a cool, ventilated warehouse. Keep away from fire and heat sources. should be kept away from oxidizer, do not store together. Equipped with the appropriate variety and quantity of fire equipment.

**Use:**

Avoid dust as much as possible when using.

**Handling:**

Handle in a well-ventilated area. Throwing is prohibited

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<b>Section 8- Exposure Controls/Personal Protection</b>	
<b>Engineering Controls</b>	General mechanical ventilation is expected to effectively eliminate and eliminate Prevent any steam or mist from accumulating when operating this product Causes the product to become wet Avoid dust during use
<b>Respiratory protection:</b>	No special respiratory protection requirements
<b>Personal Protective Equipment</b>	Wear safety glasses that meet the requirements. Wear general work protective clothing.
<b>Hygiene Measures</b>	Smoking, eating and drinking are prohibited at the workplace. Pay attention to cleaning and avoid long-term repeated contact.
<b>Section 9- Physical and Chemical Properties</b>	
<b>Form</b>	solid
<b>Physical form:</b>	Base film and coating
<b>Odor</b>	Not available
<b>PH value</b>	Not available
<b>Melting point</b>	75°C±3°C, flammable at high heat when exposed to open flame
<b>Ignition point</b>	No data available
<b>Refractive index (n<sub>20/D</sub>)</b>	No data available
<b>Ignition loss</b>	No data available
<b>Moisture content</b>	No data available
<b>Specific gravity (25°C)</b>	No data available
<b>Heat of combustion</b>	No data available

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<b>Ignition temperature (auto-ignition temperature)</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Water solubility:</b>	Plastic film and ink are not easily soluble in water
<b>The main purpose</b>	Is a sensor resistance
<b>Section 10- Stability and reactivity</b>	
<b>Stability:</b>	No decomposition when used in accordance with specifications
<b>Hazardous Decomposition:</b>	Carbon monoxide, carbon dioxide, oxides of sulfur, organic products of decomposition
<b>Hazardous Polymerization:</b>	No hazardous polymerization reactions
<b>Incompatible substances:</b>	Strong oxidants.
<b>Reactivity:</b>	Exothermic reaction with strong oxidizing agent Incompatible substances: strong oxidizers such as chlorates, bromates and nitrates
<b>Mechanical sensitivity (blow):</b>	Insensitive
<b>Static hazards:</b>	Take precautions to prevent static electricity and avoid dust formation, and all metal parts of mixing and processing equipment must be grounded. Ensure that all equipment is grounded before starting transfer operations
<b>Section 11 – Toxicological Information</b>	
<b>Chronic Toxicity:</b>	None known

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<b>Carcinogenic Effects:</b>	None known
<b>Mutagenic Effects:</b>	None known
<b>Teratogenic Effects:</b>	None known
<b>Developmental Toxicity:</b>	None known
<b>Acute Effects on Humans:</b>	Steam and gas during heating and melting will irritate eyes and respiratory system.
<b>Sensitization:</b>	None known
<b>Section 12- Ecological Information</b>	
<b>Ecological Toxicity Potential Environmental Impact</b>	If it is burned at high temperature, it will produce thick smoke and toxic and harmful gases, which will affect human health.
<b>Environmental Fate:</b>	The substance is hazardous to the environment and it is not recommended to let it enter the environment. It can cause pollution to water body and atmosphere.
<b>Persistence and Degradability</b>	None known
<b>Section 13- Disposal Considerations</b>	
<b>Product-Recommendation:</b>	Consult state, local or national regulations to ensure proper disposal.
<b>packagings-Recommendation:</b>	Disposal must be made according to official regulations.
<b>Section 14 – Transport Information</b>	
<b>UNDangerousGoods Number</b>	International Maritime Dangerous Regulations: Not applicable European Land Transport Dangerous Regulations: Not applicable International Air Transport Dangerous Regulations: Not applicable

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<b>UN shipping name</b>	European Dangerous Regulations: Non-Dangerous Goods International Maritime Dangerous Regulations: Non-Dangerous Goods International Dangerous Air Transport Regulations: Non-Dangerous Goods
<b>Transport hazard class(es)-ADR/RID/ADN, IMDG, IATA ..Class</b>	Not applicable
<b>Packing group • ADR/RID/ADN, IMDG, IATA</b>	Not applicable
<b>Environmental hazards</b>	Not applicable
<b>Special precautions for user</b>	Not applicable
<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable
<b>Transport/Additional information: UN "Model Regulation":</b>	Not applicable

### Section 15- Regulatory information

**15.1 Product related hazard information:**

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

**Directive 2012/18/EU**

**Named dangerous substances-ANNEX I : None of the ingredients is listed.**

**REGULATION (EU) 2019/1148**

**Annex 1-RESTRICTED EXPLOSIVES PRECURSORS(Upper limit value for the purpose of licensing under Article 5(3)) : None of the ingredients is listed.**

**Annex II-REPORTABLE EXPLOSIVES PRECURSORS: None of the ingredients is listed**

**National regulations:**

**Water hazard class: Water hazard class 2(Self-assessment): hazardous for water.**

**Other regulations, limitations and prohibitive regulations**

**SVHC Candidate List of REACH Regulation Annex XIV Authorisation (19/II/2021) : None of the ingredients is listed.**

**REACH Regulation Annex XVI Restriction (25/1/2021) See Section 16 for information about restriction of use: None of the ingredients is listed.**

**REACH Regulation Annex XIV Authorization List (6/2/2020)**

**15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**

## Section 16- Other Information

### Relevant hazard statements :

None known

### Classification according to Regulation (EC) No 1272/2008

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The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

### Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

### DISCLAIMER OF LIABILITY

The information in this 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 SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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