

Material Safety Data Sheet (MSDS)

according to 1907/2006/EC, Article 31

1 Identification of the substance/preparation and of the company

.Product details

.Product name: Black Stamp Ink

.Application of the substance: Used for making a stamp on documents or other article' s surface.

.Supplier/Manufacturer: Yixing Huhua Stationery Co., Ltd.

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.Further information obtainable from: Yixing Huhua Stationery Co., Ltd.

.Information in case of emergency: Yixing Huhua Stationery Co., Ltd.

Contact: Song Shiyun

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2 Hazards identification

. Classification of the substance or mixture

. Classification according to Regulation(EC) No 1272/2008 [CLP/GHS]

Not classified

. Adverse physicochemical, human health and environmental effects

No relevant data available

. Label elements

For classified products a derogation for labeling exists under Annex 1 Section 1.3.4 of the CLP Regulation 1272/2008. Under this derogation the product in the form in which it is placed on the market is not hazardous to human health by inhalation, ingestion, or skin contact or hazardous to the aquatic environments. Under normal conditions hazardous or classified substances are not released. If the product is grinded, shredded, or heated users should inform themselves of the existing exposure limits and be aware of potential inhalation risks.

. Labelling according to Regulation(EC) No 1272/2008[CLP/GHS]

No labeling applicable

. Labelling according to Directive 67/548/EEC or 1999/54/EC

Risk phrases:

R43: May cause sensitization by skin contact.

. Other hazards

No relevant data available

.Routes of Exposure: Skin, eyes and inhalation.

Potential Health Effects:



.Inhalation: If the vapour from processing is inhaled, it will cause irritation to respiratory tract and symptoms include cough, sore throat or headache.

.Ingestion: It causes nausea or vomiting. If it is swallowed in large quantity, it will do great harm to body and symptoms may include dizziness, weakness or bellyache.

- . Contact with Skin: There is no special hazardous under normal usage.
- . Contact with Eyes: It causes irritation to eyes and symptoms include reddening and tearing.
- . Effects of Overexposure: Chronic: Not found.
- . Carcinogenicity Information: Not found.

3 Composition/information on ingredients

- . Description: This product is a kind of mixture.
 - . Description: Mixture of substances listed below with nonhazardous additions.
- For the wording of the listed risk phrase refer to section 15

Non-dangerous ingredients		
CAS No: 7732-18-5 EINECS No:	Water	52%
CAS No: 56-81-5 EINECS No: 200-289-5	Glycerine	45%
Dangerous Ingredients		
CAS No: 8005-03-6 EINECS No: --	Acid black 2  Xi R43	3%
	 GHS07: H315	

For the full text of Risk and Health phases in this section, see section 16.

4 First aid measures

Persons using these products should consult a physician or other medical professional if an accident involving these products in injury. Specific first aid measures are as follows:

- . Inhalation: If any adverse effect occurs as a result of inhalation of excessive vapor from processing, remove individual to fresh air. If there is difficulty in breathing, give artificial breathing if necessary and get medical attention.
- . Eye Contact: Immediately raise eyelids and flush with water for at least 15 minutes. If things don't get better, get medical attention.
- . Skin Contact: In case of contact of this product when it is being processed, flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothes and shoes. If irritation persists, get medical attention.
- . Ingestion: Do not induce vomiting without professional instructions, but get medical attention immediately.
- . Recommendations to physician: Treat symptoms.

5 Fire Fighting Measures

- . Flash point: Not available
- . Flammable/Explosive Limits: Lower Vol %: Not applicable
- . Flammable/Explosive Limits: Upper Vol %: Not applicable
- . Extinguishing Media: Dry chemical powder for small fire; Water spray, or alcohol resistant foam for large fire.
- . Special Firefighting Procedures: Structural firefighters must wear self-contained breathing Apparatus and full protective equipment. If protective clothing is not available, fight fire from a protected location or safe distance.

.Unusual Fire and Explosion Hazards: If involved in a fire, this product may ignite or decompose. Products of thermal decomposition can include carbon monoxide, carbon dioxide and water.

.Explosion Sensitivity to Mechanical Impact: Not applicable.

.Explosion Sensitivity to Static Discharge: Not applicable.

6 Accidental release measures

.Person-related safety precautions:

General Information: Use proper personal protective equipment as indicated in Section 8. Keep unprotected persons away.

.Measures for Cleaning/Collection:

.Small Spill: Absorb the leakage with suitable inert materials.

.Large Spill: Collect the leakage by building dikes or trenches, then remove it to a tanker or container by a pump and dispose it strictly according to relevant rules at last.

Additional Information:

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

7 Handling and storage

.Storage:

- Keep container tightly sealed. Store in cool, dry place in tightly closed containers.
- Ensure good ventilation at the workplace and keep ignition sources away.
- Keep the temperature of the storage in a proper range
- Keep containers closed when they are not in use.
- The storage area should be equipped with emergency equipments for leakage.

.Handling:

- Operators must attend professional training and must operate strictly according to related rules.
- Keep away from fire and forbid smoking in working area.
- Prevent the steam from leaking into the air of working area.
- Carry it carefully and lay it down lightly in order to avoid damages of packages or containers.
- Equip with relevant facilities for accidental release or fire.

8 Exposure controls/personal protection

The ingredients of which the exposure should be controlled.

Ingredient Name	CAS	Workplace exposure limit	
		Long-term exposure limit(8-hour TWA reference period) mg.m ⁻³	Short-term exposure limit(15-minute reference period) mg.m ⁻³
glycerine	56-81-5	10 mg.m ⁻³ (mist)	--

.Ventilation and Engineering controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended

exposure limits. If user operations generate vapour or powder, use ventilation to keep exposure to airborne contaminants below the exposure limit.

.Personal Protection (for workers):

.Respiratory Protection:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

.Body Protection:

Not applicable

.Protective Gloves:



Wear appropriate protective gloves to prevent skin exposure.

.Eye Protection:



Tightly sealed goggles

Chemical goggles or face shield.

.General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

9 Physical and chemical properties

.General Information	
Form:	Liquid
Odor:	Slight irritating
Color:	Black
.Change in condition	
Melting point/Melting range:	N/A
Boiling point/Boiling range:	>212° F
.Flash point:	232° F
.Ignition Temperature:	N/A
.Self-Igniting:	This product is not self-igniting
.Flammable/Explosive Limits-Lower Vol %:	N/A
.Flammable/Explosive Limits-Upper Vol %:	N/A
.Relative density (20°C):	N/A
.Vapour density:	3.1(vs air)
.Evapouration rate	= Water
.Solubility in/Miscibility with	
Water:	Soluble in water
.PH-Value:	N/A
.Viscosity (25°C):	N/A
.Dynamic:	N/A

10 Stability and reactivity

- .Chemical Stability:** Stable under normal conditions.
- .Condition to Avoid:** Open flame, spark and high temperatures.
- .Incompatible Materials:** None known.
- .Hazardous Decomposition Products:** Products of thermal decomposition can include carbon monoxide and nitrogen oxides.
- .Hazardous polymerizations:** It will not occur.

11 Toxicological information

LD50(Oral, rat):

Ingredient Name	CAS No.	LD50
glycerine	56-81-5	12600mg/kg
Acid black 2	8005-03-6	Not available

Potential Health Effects:

- .Inhalation:** If the vapour from processing is inhaled, it will cause lightly irritation to respiratory tract and symptoms include cough, Sore, throat or headache.
- .Ingestion:** It causes nausea or vomiting. If it is swallowed in large quantity, it will do great harm to body and symptoms may include dizziness, weakness or bellyache.
- .Contact with Skin:** It causes irritation and allergy, symptom may include redness and dermatitis.
- .Contact with Eyes:** It causes irritation to eyes and symptoms include reddening and tearing.
- .Effects of Overexposure - Chronic:** Not found.
- .Carcinogenicity Information:** Not found.

12 Ecological information

.Ecotoxic effects: All work practices must be aimed at eliminating environmental contamination.

.Additional ecological information:

.AOX-Indication: This product does not contain organically bonded halogen compounds.

.Effect of material on aquatic life: It does not do harm to aquatic life.

.General Notes:

Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

.Waste from residues: Dispose of in accordance with local regulations.

14 Transport information

.UN-Number

.DOT, ADR, LMDG, IATA: Not available

.UN Proper shipping name

.IMDG, IATA: Not available

.Packing group

.DOT Classification: Not available

.Special Provisions for Transport: Not available

15 Regulatory information

.TSCA8 (b) Inventory Status: The glycerine is listed on the TSCA Inventory.

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

16 Other information

.Sources of key data used to compile the data sheet: European Chemicals Bureau

The contents and format of this MSDS are in accordance with EEC Commission Directive 1999/45/EC. 1957/548/EC and Commission Regulation 1907/2006/EC (REACH)Annex II

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

.Department issuing MSDS: Yixing Huhua Stationery Co., Ltd.

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.Relevant phrase:

R43: May cause sensitization by skin contact.

H315: Causes skin irritation

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses 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
ICAO: International Civil Aviation Organization
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
LD50: Lethal dose, 50 percent

· * Data compared to the previous version altered.

*****The End*****