Material Safety Data Sheet (MSDS)

For

Stamp Pad Ink

Applicant:	Hengshui Qixing Stationery Co., Ltd
Address:	No. 16, Gongye Road, High-tech Economic Development Zone, Jingxian County, Hengshui City, Hebei Province
Prepared by:	Ningbo Hatek Co., Ltd.
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Tel:	+86-0574-87171888
Fax:	/
Requested	Reach regulation 1907/2006 and its amendment Regulation n°2020/878 + CLP Regulation 1272/2008

Signed for and on behalf of
Ningbo Hatek Co., Ltd

Milse Xie
Laboratory Manager

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Section 1 - Chemical Product and Company Identification

Product Name: Stamp Pad Ink

Model No.: 9874

Tel: 18232906999

Fax: /

Chemical Uses: No toxicity, no irritation

Section 2 –Hazards Identification

2.1 Classification of the substance or mixture

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

This mixture does not meet the criteria for classification in according with Regulation（EC）No.1272/2008.

2.2Label elements

Labeling according to Regulation（EC）No. 1272/2008

This mixture does not need to be labeled in according with Regulation（EC）No.1272/2008.

Hazard statements:

This mixture does not meet the criteria for Hazard statements.

Precautionary statements:

This mixture does not meet the criteria for Precautionary statements.

2.3 Other hazards:

Results of PBT and vPvB assessment

This mixture does not meet the criteria for PBT and vPvB.

Section 3 – Composition/Information on Ingredient

Chemical Name	CAS No.	Composition（in% by weight）
RICINOLEATE	9004-97-1	30%
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	30%
Pigment Red 254	84632-65-5	15%
Nylon 6	25038-54-4	10%
SULFONATED ALIPHATIC POLYESTER	1639-66-3	2%
Butylated Hydroxytoluene	128-37-0	3%
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	3%
Ethyl cellulose	9004-57-3	5%
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	2%

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Section 4 - First Aid Measures

After skin contact: Clean with soapy water.

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

After ingestion: If swallowed, dilute with water and induce vomiting. Never give fluids or induce vomiting to an unconscious person or person having convulsions. Seek medical attention immediately in this case.

Section 5 – Fire and Explosion Hazard Data

Extinguishing media: Small exergy CO_2, dry powder fire extinguishers, sand or clay, fire foam fire extinguisher, if involving charged device, preferably using dry powder fire extinguisher.

Specific hazards arising from the substance or mixture: Slight fire hazard when exposed to heat or flame. May expansion or decompose explosively when heated or involved in fire. Development of hazardous combustion gases or vapor possible in the event of fire.

Advice for fire-fighters: As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Fight fire from a safe distance, with adequate cover. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 - Accidental Release Measures

Environmental Protection: Isolation leakage polluted area, restricting access. Cut off the fire source. Recommended emergency personnel wearing a dust mask (full cover), wearing protective clothing. Leakage areas keep ventilation.

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapours, mist, gas or dust. Avoid vapour formation.

Procedure for Cleaning/Collecting: Contain the spilled material using non-combustible absorbent and collect for disposal in accordance with local regulations using specified containers.

Section 7 - Handling and Storage

Handling Precautions: The use of human or corresponding mechanical equipment for foam stacking and waste recycling. Disposal of this material must be made in accordance with Federal, State and Local regulations.

Storage Precautions: Products must be stored in place of dike. Maintain warehouse cool, dry, ventilated, not subject to direct sunlight. Warehouse is strictly prohibited fireworks, from all sources of water, and equipped with the appropriate variety of fire equipment.

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Section 8 - Exposure Controls, Personal Protection

Control parameters: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering controls: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Use explosion-proof electrical/ventilating /lighting/equipment. Set up emergency exit and necessary risk-elimination area. Handle in accordance with good industrial hygiene and safety practice.

Eye protection: Wear chemical safety glasses.

Body protection: Wear protective overalls on infiltration.

Hand protection: Wash hands after completing work. Gloves recommended.

Other protection: 1. Work site prohibit smoking, eating and drinking; 2. Work complete, thorough cleaning; 3.Separate storage of toxic pollution by the clothes, washed the standby; 4.Pay attention to personal hygiene.

Section 9 - Physical and Chemical Properties

Physical State: liquid

Odor: Odorless

Colour: N/A

PH value: N/A

Vapor Pressure: N/A

Melting point: N/A

Boiling point: N/A

Flammability(solid, gas): N/A

Vapor Density (Air = 1): N/A

Decomposition Temperature: N/A

Evaporation rate (butyl acetate = 1): N/A

Natural temperature: N/A

Density (water = 1): N/A

Flash Point: N/A

Other information: N/A

Section 10 - Stability and Reactivity

Stability: Normal conditions and stability.

Avoid material: Dimethyl benzene, Acetone and other solvents.

Avoid contact with conditions: 1. Avoid heat, fire environment; 2.Avoid strong oxidizing environment; 3. Avoid exposure to strong acidic environment.

Aggregate hazard: N/A

Decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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Section 11 - Toxicological Information

Acute toxicity:

Component	Cas No.	LD_{50}(oral)	LD_{50}(dermal)	LC_{50}(inhalation,4h)
RICINOLEATE	9004-97-1	438mg/kg(rat)	No information available	No information available
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	438mg/kg(rat)	No information available	No information available
Pigment Red 254	84632-65-5	438mg/kg(rat)	No information available	No information available
Nylon 6	25038-54-4	438mg/kg(rat)	No information available	No information available
SULFONATED ALIPHATIC POLYESTER	1639-66-3	438mg/kg(rat)	No information available	No information available
Butylated Hydroxytoluene	128-37-0	438mg/kg(rat)	No information available	No information available
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	438mg/kg(rat)	No information available	No information available
Ethyl cellulose	9004-57-3	438mg/kg(rat)	No information available	No information available
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	438mg/kg(rat)	No information available	No information available

Carcinogenicity:

Component	Cas No.	IARC	NTP
RICINOLEATE	9004-97-1	Not Listed	Not Listed
1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester	166412-78-8	Not Listed	Not Listed
Pigment Red 254	84632-65-5	Not Listed	Not Listed
Nylon 6	25038-54-4	Not Listed	Not Listed
SULFONATED ALIPHATIC POLYESTER	1639-66-3	Not Listed	Not Listed
Butylated Hydroxytoluene	128-37-0	Not Listed	Not Listed
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	Not Listed	Not Listed
Ethyl cellulose	9004-57-3	Not Listed	Not Listed
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	Not Listed	Not Listed

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Others:

Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

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Section 12 - Ecological Information

Acute aquatic toxicity:

Component	Cas No.	Fish	Crustaceans	Algae
RICINOLEATE	9004-97-1	No information available	No information available	No information available
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	No information available	No information available	No information available
Pigment Red 254	84632-65-5	No information available	No information available	No information available
Nylon 6	25038-54-4	No information available	No information available	No information available
SULFONATED ALIPHATIC POLYESTER	1639-66-3	No information available	No information available	No information available
Butylated Hydroxytoluene	128-37-0	No information available	No information available	No information available
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	No information available	No information available	No information available
Ethyl cellulose	9004-57-3	No information available	No information available	No information available
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	No information available	No information available	No information available

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Chronic aquatic toxicity:

Component	Cas No.	Fish	Crustaceans	Algae
RICINOLEATE	9004-97-1	No information available	No information available	No information available
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	No information available	No information available	No information available
Pigment Red 254	84632-65-5	No information available	No information available	No information available
Nylon 6	25038-54-4	No information available	No information available	No information available
SULFONATED ALIPHATIC POLYESTER	1639-66-3	No information available	No information available	No information available
Butylated Hydroxytoluene	128-37-0	No information available	No information available	No information available
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	No information available	No information available	No information available
Ethyl cellulose	9004-57-3	No information available	No information available	No information available
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	No information available	No information available	No information available

Persistence and degradability:

Component	Cas No.	Persistence (water/soil)	Persistence (air)
RICINOLEATE	9004-97-1	Low	Low
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	Low	Low
Pigment Red 254	84632-65-5	Low	Low
Nylon 6	25038-54-4	Low	Low
SULFONATED ALIPHATIC POLYESTER	1639-66-3	Low	Low
Butylated Hydroxytoluene	128-37-0	Low	Low
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	Low	Low
Ethyl cellulose	9004-57-3	Low	Low
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	Low	Low

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Bioaccumulative potential:

Component	Cas No.	Bioaccumulative potential	comments
RICINOLEATE	9004-97-1	No information available	No information available
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	No information available	No information available
Pigment Red 254	84632-65-5	No information available	No information available
Nylon 6	25038-54-4	No information available	No information available
SULFONATED ALIPHATIC POLYESTER	1639-66-3	No information available	No information available
Butylated Hydroxytoluene	128-37-0	No information available	No information available
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	No information available	No information available
Ethyl cellulose	9004-57-3	No information available	No information available
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	No information available	No information available

Mobility in soil:

Component	Cas No.	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (KOC)
RICINOLEATE	9004-97-1	Low	No information available
1,2-Cyclohexanedicarboxylicacid, 1,2-diisononyl ester	166412-78-8	Low	No information available
Pigment Red 254	84632-65-5	Low	No information available
Nylon 6	25038-54-4	Low	No information available
SULFONATED ALIPHATIC POLYESTER	1639-66-3	Low	No information available
Butylated Hydroxytoluene	128-37-0	Low	No information available

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N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	Low	No information available
Ethyl cellulose	9004-57-3	Low	No information available
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	Low	No information available

Results of PBT and vPvB assessment:

Component	Cas No.	Results of PBT and vPvB assessment (according to (EC) No 1907/2006)
RICINOLEATE	9004-97-1	not PBT/vPvB
1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester	166412-78-8	not PBT/vPvB
Pigment Red 254	84632-65-5	not PBT/vPvB
Nylon 6	25038-54-4	not PBT/vPvB
SULFONATED ALIPHATIC POLYESTER	1639-66-3	not PBT/vPvB
Butylated Hydroxytoluene	128-37-0	not PBT/vPvB
N-[3-(Trimethoxysilyl)propyl]ethylenediamine	1760-24-3	not PBT/vPvB
Ethyl cellulose	9004-57-3	not PBT/vPvB
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	not PBT/vPvB

Section 13 - Disposal Considerations

Waste characteristics: Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.

Waste disposal method: Follow federal, state and local department all provision about health and abandoned handling.

Waste Note: N/A

Section 14 - Transport Information

Transportation Note: Transport ago, examine containers is complete, seal or not, ensure that the container does not leak, does not collapse, and does not fall and no damage. Strictly prohibited with oxidants, food chemicals and other mixed loading mixed transportation. Conveyance must be thoroughly cleaned, disinfected, or not shipped with other goods.

IMDG-CODE: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.

ICAO/IATA-DG: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.

UN-ADR: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS.

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Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture: N/A
Chemical Safety Assessment: N/A

Section 16 - Additional Information

References: N/A
Guidance Department: N/A
Data Audit Unit: N/A
Edit Description: N/A
Abbreviations and acronyms:
CAS - Chemical Abstracts Service
IARC - International Agency for Research on Cancer
LC50 - Lethal Concentration 50%
LD50 - Lethal Dose 50%
PBT - Persistent, Bioaccumulative, Toxic
vPvB - very Persistent, very Bioaccumulative
IMDG - International Maritime Dangerous Goods
ICAO/IATA - International Civil Aviation Organization/ International Air Transportation Association
UN - The United Nations
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