

Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version: 1.0/EN

Product name: HOTMELT GLUE STICK

Prepared date: 14/11/2013

Revision date: 14/11/2013

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: HOTMELT GLUE STICK
REACH Reg. No.: No registration number is given.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Used for viscose cloth, paper products, crafts, ceramic, wood products, and so on.
Uses advised against: No information available.

1.3 Details of the supplier of the SDS

Manufacturer: HANGZHOU GUKE PLASTIC CO., LTD
Address: XUTANG INDUSTRY DIST., YANGCUNQIAO TOWN, JIANDE CITY, ZHEJIANG, CHINA
Postcode: 311603
E-mail: jdycqhgc@163.com
Telephone: +86-571-64193352
Fax: +86-571-64193032

Importer:
Address:
E-mail:
Telephone:



1.4 Emergency telephone number

+86-571-64193352

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

This product is not classified as hazardous.

Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[DPD]

This product is not classified as hazardous.

2.2 Label elements

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

Hazard pictogram(s): No pictogram is used.
Signal word: No signal word is used.
Hazard statement(s): No hazard statement.
Precautionary statement(s): No precautionary statement.
Supplemental Hazard information (EUH):

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No information available.

Special rules for supplemental label elements for certain mixtures:

No information available.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substance/Preparation information

Description of the mixture: Article.

Ingredients information:

| Ingredient name | CAS No. | Classification under DSD | Classification under CLP | % (w/w) |
|--|------------|--------------------------|--------------------------|---------|
| Ethylenevinylacetate copolymer | 24937-78-8 | Not classified | Not classified | 40-50 |
| Resin acids and Rosin acids, esters with pentaerythritol | 8050-26-8 | Not classified | Not classified | 40 |
| Paraffin waxes and hydrocarbon waxes | 8002-74-2 | Not classified | Not classified | 10 |

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

In all cases of doubt, or when symptoms persist, seek medical attention.

Following inhalation:

Remove person to fresh air. If signs/symptoms develop, get medical attention.

Following skin contact:

Immediately flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.

Following eye contact:

Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.

Following ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

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Inhalation: Vapors from heated material may cause irritation of the respiratory system. Symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

Skin contact: Thermal burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction.

Eye contact: Vapors from heated material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion: May cause physical blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

4.3 Indication of the immediate medical attention and special treatment needed

No information available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Immediate health, physical, and environmental hazards: May cause thermal burns.

Thermal decomposition can lead to release of irritating or toxic gases/vapors: carbon oxides.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and chemical-protective clothing. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to SECTION 8 for personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up mechanically, sweep and shovel. Reclaim undamaged product. Remove all sources of ignition. Provide ventilation.

6.4 Reference to other SECTIONS

See SECTION 7 for information on safe handling.

See SECTION 8 for information on personal protection equipment.

See SECTION 13 for information on disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use this material with adequate ventilation. Avoid skin contact with hot material. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated place. Keep away from heat and ignition sources.

7.3 Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8 : Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS#8002-74-2

Australia: 2 mg/ m³

Belgium: 2 mg/ m³

Canada: 2 mg/ m³

Denmark: 2 mg/ m³

France: 2 mg/ m³

New Zealand: 2 mg/ m³

Poland: 2 mg/ m³

Singapore: 2 mg/ m³

South Korea: 2 mg/ m³

Spain: 2 mg/ m³

Switzerland: 2 mg/ m³ respirable aerosol

USA-NIOSH: 2 mg/ m³

United Kingdom: 2 mg/ m³

DNEL (Derived No Effect Level) for workers and the general population:

Not available.

PNEC (Predicted No Effect Concentration) values:

Not available.

8.2 Exposure controls

Appropriate engineering controls:

The workplace should provide adequate ventilation. Remove all source of ignition.

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Personal protective equipment:

Eye and face protection: Wear appropriate safety glasses.
Skin protection: Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.
Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls:

Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|-------------------------------|
| Appearance: | Transparent solid |
| Odour: | Odorless |
| pH: | Not available. |
| Melting point: | 80-90°C |
| Boiling point: | Not available. |
| Flash point: | Not applicable. |
| Evaporation rate: | Not applicable. |
| Flammability (solid, gas): | Not available. |
| Upper/lower flammability or explosive limits: | Not available. |
| Vapour pressure: | Not applicable. |
| Density: | 0.98-1.00 g/mL |
| Solubility(ies): | Not available. |
| Partition coefficient: n-octanol/water: | Not available. |
| Auto-ignition temperature: | Product is not self-igniting. |
| Decomposition temperature: | Not available. |
| Viscosity: | 16500-33000 (cp/180°C) |
| Explosive properties: | No explosive properties. |
| Oxidising properties: | No oxidising properties. |

9.2 Other information

Specific Physical Form: Waxy Solid (shapes of stick, graininess and lump)

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2 Chemical stability

Stable under normal conditions of use.

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10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Flames, sparks, and other sources of ignition.

10.5 Incompatible materials

Strong acid, strong alkali, strong oxidizing materials.

10.6 Hazardous decomposition products

Carbon monoxide, irritating or toxic fumes and gases, carbon dioxide, particulate.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| | | |
|------------------|--------------------------------|---|
| I Acute toxicity | Oral, LD ₅₀ : | CAS#8050-26-8: >5000mg/kg bw(rat) CAS#8002-74-2:>5000mg/kg bw(rat) |
| | Inhalation, LC ₅₀ : | No data available. |
| | Dermal, LD ₅₀ : | CAS#8050-26-8: >2000mg/kg bw(rat) CAS#8002-74-2:>2000mg/kg bw(rat) |

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No information available.

Respiratory or skin sensitization: No information available.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

SECTION 12: Ecological information

12.1 Toxicity

| Substance name | Fish, LC ₅₀ /96h | Daphnia, EC ₅₀ /48 | Algae, EC ₅₀ /72h |
|----------------|-----------------------------|-------------------------------|------------------------------|
|----------------|-----------------------------|-------------------------------|------------------------------|

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| | | | |
|--|--------------------------------------|-----------------------------------|--|
| Resin acids and Rosin acids, esters with pentaerythritol | >400mg/L(<i>Brachydanio rerio</i>) | 166 mg/L (<i>Daphnia magna</i>) | >1000 mg/L(<i>Selenastrum capricornutum</i>) |
|--|--------------------------------------|-----------------------------------|--|

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator. As a disposal alternative, incinerate in an industrial or commercial facility. Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: Transport information

14.1 UN Number Not regulated as dangerous goods.

14.2 UN proper shipping name Not regulated as dangerous goods.

14.3 Transport hazard class(es) Not regulated as dangerous goods.

14.4 Packing group Not regulated as dangerous goods.

14.5 Environmental hazards Product is not marine pollutant.

14.6 Special precautions for user No information available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code No information available.

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SECTION 15: Regulatory information

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

EU regulation:

Authorisations: Not applicable.
Restrictions on use: Not applicable.
EINECS: CAS#8050-26-8, 8002-74-2 are listed.
Annex 1 of DSD: CAS#24937-78-8, 8050-26-8, 8002-74-2 are not listed.

Other chemical regulation:

| CAS No. | USA TSCA | Canada DSL | Australia AICS | Korea ECL | China IECSC |
|------------|-------------|---------------|-------------------|--------------|----------------|
| 24937-78-8 | Listed | Listed | Listed | Listed | Listed |
| 8050-26-8 | Listed | Listed | Listed | Listed | Listed |
| 8002-74-2 | Listed | Listed | Listed | Listed | Listed |

Remark: The above-mentioned search results are based on the Non-Confidential Inventory.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

SECTION 16: Other information

16.1 Revision Information

Date of the previous revision: Not applicable. Date of this revision: 14/11/2013.
Revision summary: The first new SDS

16.2 Abbreviations and acronyms

CLP: EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
EINECS: European Inventory of Existing Commercial Chemical Substances.
DSD: Dangerous Substance Directive (67/548/EEC).
TSCA: Toxic Substances Control Act, The American chemical inventory.
DSL: Domestic Substances List, The Canadian chemical inventory.
AICS: The Australian Inventory of Chemical Substances.
ECL: Existing Chemicals List, the Korean chemical inventory.
IECSC: Inventory of existing chemical substances in China.

16.3 Key literature references and sources for data

ECHA's public database with information on registered substances.
Provided by company.

16.4 Relevant R-phrases/H-statements

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Not applicable. This product is not classified as hazardous substance/mixture.

16.5 Training advice

Provide adequate information, instruction and training for operators.

16.6 Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.

----- End of the SDS -----