

Hotmelt Glue Stick

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 1/1/2023 Revision date: 1/1/2023 Version: 1.0



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

1.1. Product identifier

Product form : Article
Trade name : Hotmelt Glue Stick

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Used for viscose cloth, paper products, crafts, ceramic, wood products, and so on

1.2.2. Uses advised against

Restrictions on use : No information available

1.3. Details of the supplier of the safety data sheet

Supplier: Hangzhou Guke Plastic Co., Ltd
Address: Yangcunqiao Industrial Zone, Jiande, Hangzhou, Zhejiang
Postal Code: 311603
Phone: +86-571-64193352
FAX: +86-571-64193032
E-mail: hzgksj@hzgksj.com

Importer

Address

Postal Code

Phone

FAX

E-mail

1.4. Emergency telephone number

Emergency number :

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates, petroleum, steam-cracked, C8-12 fraction	CAS-No.: 68477-54-3 EC-No.: 270-737-2 EC Index-No.: 649-411-00-2	30 – 40	Asp. Tox. 1, H304
Vinyl acetate	CAS-No.: 108-05-4 EC-No.: 203-545-4 EC Index-No.: 607-023-00-0	30 –35	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT SE 3, H335
Ethene	CAS-No.: 74-85-1 EC-No.: 200-815-3 EC Index-No.: 601-010-00-3 REACH-no: 01-2119462827-27-0039	30 –35	Flam. Gas 1, H220 Press. Gas STOT SE 3, H336

Note: Distillates (petroleum), steam-cracked, C8-12 fraction, Vinyl acetate, Ethylene are monomers of their polymers. The product is an article and do not contain any monomer.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If symptoms persist call a doctor.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Seek medical attention immediately.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Immediately flush eyes thoroughly with water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. If necessary seek medical advice.
First-aid measures after ingestion	: Never attempt to induce vomiting. Drink some glasses of water. Call a poison center or a doctor if you feel unwell. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

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 any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : No information available.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Keep upwind. Ensure adequate ventilation during the application.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Remove all sources of ignition.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Pick up mechanically. Reclaim undamaged product. Remove all sources of ignition.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Wash thoroughly after handling. Do not eat, drink or smoke during use. Avoid skin contact with hot material. Keep out of the reach of children.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Keep away from heat.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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Vinyl acetate (108-05-4)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Vinyl acetate
IOEL TWA	17.6 mg/m ³
IOEL TWA [ppm]	5 ppm
IOEL STEL	35.2 mg/m ³
IOEL STEL [ppm]	10 ppm
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU

Austria - Occupational Exposure Limits

TRK (OEL TWA)	17.6 mg/m ³
TRK (OEL TWA) [ppm]	5 ppm
OEL chemical category	Group B Carcinogen

Belgium - Occupational Exposure Limits

OEL TWA	17.6 mg/m ³
OEL TWA [ppm]	5 ppm
OEL STEL	35.2 mg/m ³
OEL STEL [ppm]	10 ppm

Bulgaria - Occupational Exposure Limits

OEL TWA	17.6 mg/m ³
OEL TWA [ppm]	5 ppm
OEL STEL	35.2 mg/m ³
OEL STEL [ppm]	10 ppm

Croatia - Occupational Exposure Limits

GVI (OEL TWA) [1]	17.6 mg/m ³
GVI (OEL TWA) [2]	5 ppm
KGVI (OEL STEL)	35.2 mg/m ³
KGVI (OEL STEL) [ppm]	10 ppm

Cyprus - Occupational Exposure Limits

OEL TWA	17.6 mg/m ³
OEL TWA [ppm]	5 ppm
OEL STEL	35.2 mg/m ³
OEL STEL [ppm]	10 ppm

Czech Republic - Occupational Exposure Limits

PEL (OEL TWA)	18 mg/m ³
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Denmark - Occupational Exposure Limits

OEL TWA [1]	18 mg/m ³
OEL TWA [2]	5 ppm

Estonia - Occupational Exposure Limits

OEL TWA	17.6 mg/m ³
OEL TWA [ppm]	5 ppm

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Vinyl acetate (108-05-4)

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

Finland - Occupational Exposure Limits

HTP (OEL TWA) [1] 18 mg/m³

HTP (OEL TWA) [2] 5 ppm

HTP (OEL STEL) 35 mg/m³

HTP (OEL STEL) [ppm] 10 ppm

France - Occupational Exposure Limits

VME (OEL TWA) 17.6 mg/m³

VME (OEL TWA) [ppm] 5 ppm

VLE (OEL C/STEL) 35.2 mg/m³ (restrictive limit)

VLE (OEL C/STEL) [ppm] 10 ppm (restrictive limit)

OEL chemical category Carcinogen category 2

Germany - Occupational Exposure Limits (TRGS 900)

AGW (OEL TWA) [1] 36 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

AGW (OEL TWA) [2] 10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

Chemical category Skin notation

Gibraltar - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

Greece - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

Hungary - Occupational Exposure Limits

AK (OEL TWA) 17.6 mg/m³

CK (OEL STEL) 35.2 mg/m³

Ireland - Occupational Exposure Limits

OEL TWA [1] 18 mg/m³

OEL TWA [2] 5 ppm

OEL STEL 35 mg/m³

OEL STEL [ppm] 10 ppm

Italy - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

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Vinyl acetate (108-05-4)

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

Latvia - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

Lithuania - Occupational Exposure Limits

IPRV (OEL TWA) 17.6 mg/m³

IPRV (OEL TWA) [ppm] 5 ppm

TPRV (OEL STEL) 35.2 mg/m³

TPRV (OEL STEL) [ppm] 10 ppm

Luxembourg - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

Malta - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

OEL chemical category Possibility of significant uptake through the skin

Netherlands - Occupational Exposure Limits

TGG-8u (OEL TWA) 18 mg/m³

TGG-15min (OEL STEL) 36 mg/m³

Poland - Occupational Exposure Limits

NDS (OEL TWA) 10 mg/m³

NDSch (OEL STEL) 30 mg/m³

Portugal - Occupational Exposure Limits

OEL TWA 17.6 mg/m³ (indicative limit value)

OEL TWA [ppm] 5 ppm (indicative limit value)

OEL STEL 35.2 mg/m³ (indicative limit value)

OEL STEL [ppm] 10 ppm (indicative limit value)

OEL chemical category A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

Romania - Occupational Exposure Limits

OEL TWA 17.6 mg/m³

OEL TWA [ppm] 5 ppm

OEL STEL 35.2 mg/m³

OEL STEL [ppm] 10 ppm

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Vinyl acetate (108-05-4)

Slovakia - Occupational Exposure Limits

NPHV (OEL TWA) [1]	36 mg/m ³
NPHV (OEL TWA) [2]	10 ppm
NPHV (OEL C)	35.2 mg/m ³

Slovenia - Occupational Exposure Limits

OEL TWA	17.6 mg/m ³
OEL TWA [ppm]	5 ppm
OEL STEL	35.2 mg/m ³
OEL STEL [ppm]	10 ppm
OEL chemical category	Category 2

Spain - Occupational Exposure Limits

VLA-ED (OEL TWA) [1]	17.6 mg/m ³ (indicative limit value)
VLA-ED (OEL TWA) [2]	5 ppm (indicative limit value)
VLA-EC (OEL STEL)	35.2 mg/m ³
VLA-EC (OEL STEL) [ppm]	10 ppm

Sweden - Occupational Exposure Limits

NGV (OEL TWA)	18 mg/m ³
NGV (OEL TWA) [ppm]	5 ppm
KTV (OEL STEL)	35 mg/m ³
KTV (OEL STEL) [ppm]	10 ppm

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA) [1]	17.6 mg/m ³
WEL TWA (OEL TWA) [2]	5 ppm
WEL STEL (OEL STEL)	35.2 mg/m ³
WEL STEL (OEL STEL) [ppm]	10 ppm

Norway - Occupational Exposure Limits

Grenseverdi (OEL TWA) [1]	17.6 mg/m ³
Grenseverdi (OEL TWA) [2]	5 ppm
Korttidsverdi (OEL STEL)	35.2 mg/m ³ (value from the regulation)
Korttidsverdi (OEL STEL) [ppm]	10 ppm (value from the regulation)
OEL chemical category	Carcinogen

Switzerland - Occupational Exposure Limits

MAK (OEL TWA) [1]	35 mg/m ³
MAK (OEL TWA) [2]	10 ppm
KZGW (OEL STEL)	35 mg/m ³
KZGW (OEL STEL) [ppm]	10 ppm
OEL chemical category	Category C2 carcinogen

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm]	10 ppm
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Vinyl acetate (108-05-4)

ACGIH OEL STEL [ppm]	15 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans

Ethene (74-85-1)

Belgium - Occupational Exposure Limits

OEL TWA	233 mg/m ³
OEL TWA [ppm]	200 ppm
OEL chemical category	Asphyxiant

Finland - Occupational Exposure Limits

HTP (OEL TWA) [2]	200 ppm (suffocating gas that displaces oxygen)
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Ireland - Occupational Exposure Limits

OEL TWA [2]	200 ppm
OEL STEL [ppm]	600 ppm (calculated)
OEL chemical category	Simple asphyxiant

Latvia - Occupational Exposure Limits

OEL TWA	100 mg/m ³
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Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)	100 mg/m ³
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Portugal - Occupational Exposure Limits

OEL TWA [ppm]	200 ppm
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen

Slovakia - Biological limit values

BLV	180 µg/l Medium: red blood cells - Sampling time: not critical
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Spain - Occupational Exposure Limits

VLA-ED (OEL TWA) [2]	200 ppm
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Sweden - Occupational Exposure Limits

NGV (OEL TWA)	330 mg/m ³
NGV (OEL TWA) [ppm]	250 ppm
KTV (OEL STEL)	1200 mg/m ³
KTV (OEL STEL) [ppm]	1000 ppm

Switzerland - Occupational Exposure Limits

MAK (OEL TWA) [1]	11500 mg/m ³
MAK (OEL TWA) [2]	10000 ppm
OEL chemical category	Category 2 mutagen

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm]	200 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen

8.1.2. Recommended monitoring procedures

No additional information available

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8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

No special technical protective measures are necessary

Hand protection:

No special technical protective measures are necessary

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Transparent
Odour	: Odorless
Odour threshold	: Not available
Melting point	: 80 - 90 °C
Freezing point	: Not applicable.
Boiling point	: Not available
Flammability	: Non flammable.
Explosive limits	: Not applicable.
Lower explosion limit	: Not applicable.
Upper explosion limit	: Not applicable.
Flash point	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable.
Solubility	: 0.98 - 1.00 g/mL
Partition coefficient n-octanol/water (Log Kow)	: Vinyl acetate (108-05-4): 0.73 Ethene (74-85-1):0.053

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Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable.
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

heat, flames or sparks.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Vinyl acetate (108-05-4)

LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	2335 mg/kg
LC50 Inhalation - Rat [ppm]	3680 ppm/4h

Ethene (74-85-1)

LC50 Inhalation - Rat [ppm]	> 57000 ppm/4h
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Distillates, petroleum, steam-cracked, C8-12 fraction (68477-54-3)

LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	1910 mg/m ³ (Exposure time: 6 h)
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Vinyl acetate (108-05-4)

IARC group	2B - Possibly carcinogenic to humans
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Ethene (74-85-1)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified

STOT-single exposure : Not classified

Vinyl acetate (108-05-4)

STOT-single exposure	May cause respiratory irritation.
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Ethene (74-85-1)

STOT-single exposure	May cause drowsiness or dizziness.
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STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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Viscosity, kinematic	Not applicable.
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

No additional information available

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Vinyl acetate (108-05-4)

LC50 - Fish [1]	14 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
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LC50 - Fish [2]	15.04 – 21.54 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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Distillates, petroleum, steam-cracked, C8-12 fraction (68477-54-3)

LC50 - Fish [1]

13.5 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Vinyl acetate (108-05-4)

Partition coefficient n-octanol/water (Log Pow) 0.73

Ethene (74-85-1)

BCF - Fish [1] 4 – 4.6

Partition coefficient n-octanol/water (Log Pow) 0.053

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	IATA	ADN	RID
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory Information

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

15.1.1. EU-Regulations

Contains no substance on the REACH candidate list

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 18: Other Information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate

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Abbreviations and acronyms:

BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Data sources : Loli.
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Asp. Tox. 1	Aspiration hazard, Category 1

Hotmelt Glue Stick

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:

Carc. 2	Carcinogenicity, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
Press. Gas	Gases under pressure
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS) EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.