

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier:**

Product name: Hot Melt Glue Sticks, translucent

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

Relevant identified uses: No information available.

Uses advised against: No information available.

1.3 Details of the supplier of the safety data sheet:

Supplier: 2direct GmbH
Address: Langenstück 5 / Industriegebiet Golsberg
D-58579 Schalksmühle
Telephone: +49 2351 66887-0
Telefax: +49 2351 66887-29
e-mail: info@2direct.de

1.4 Emergency Telephone Number: +49 2351 66887-0**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture:**

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

Physical hazards Not Classified.

Health hazards Not Classified.

Environmental hazards Not Classified.

2.2 Label elements:

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

Hazard Pictogram: Not applicable.

Signal word: Not applicable.

Hazard statement Not applicable.

Precautionary statement(s) Not applicable.

2.3 Other hazards:

Heated product causes burns.

Product does not meet criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006.

SECTION 3: Composition / information on ingredients**3.2 Mixture:**

Chemical name	CAS No	EC-No	Concentration (weight %)	Classifications (EC 1272/2008)
EVA	24937-78-8	-	54	NC
Petroleum resin	8050-31-5	232-482-5	34	NC
Wax	64742-51-4	265-154-5	12	NC

See Section 16 for full text of hazard statements.

SECTION 4: First aid measures

4.1 Description of first aid measures:

General:	If you feel unwell, seek medical advice.
Inhalation:	Remove person to fresh air. If you feel unwell, get medical attention.
Skin:	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.
Eyes:	Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.
Ingestion:	Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

4.2 Most important symptoms and effects both acute and delayed:

See section 11 for detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed:

None known.

SECTION 5: Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture:

Upon combustion: formation of CO, CO₂ and small quantities of nitrous vapours, sulphur oxides.

5.3 Advice for firefighters: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Extinguishing media: Ventilate the area with fresh air. Observe precautions from other sections.

6.2 Environmental precautions:

Avoid release to the environment.

6.3 Methods and materials for containment and clean-up:

If melted: allow liquid to solidify before taking it up. Start cleanup only if spill has cooled completely. Pick-up the material.

Wash clothing and equipment after handling.

6.4 Reference to other sections:

See section 13 for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling: Avoid skin contact with hot material. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool area. Store in a dry area. Keep container in a well-ventilated place. Store away from oxidizing agents.

7.3 Specific end use(s):

No information available.

SECTION 8: Exposure controls / personal protection**8.1 Control parameters:**

8.1.1 Ingredient Comments: WEL=Workplace Exposure Limits

Component(s)	Type	Value	Standard
Aluminium	TWA	10 mg/m ³ (inhalable dust) 4 mg/m ³ (respirable dust)	EH40-WEL

8.2 Exposure controls:

Appropriate engineering controls:	Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Eye protection with side protection (EN 166).
Skin protection:	
Hand protection:	Wear suitable gloves if prolonged skin contact is likely. When dealing with hot material: Insulating gloves EN 407 (heat).
Other:	Protective working garments (e.g. safety shoes EN 344, long sleeved protective working garments). Contaminated clothing should be thoroughly cleaned.
Respiratory protection:	No special requirements. Provide adequate ventilation, including appropriate local extraction if fumes or vapours are likely to be evolved. Where engineering controls are not fitted or inadequate wear suitable respiratory protective equipment.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties:**

Appearance:	White Translucent Solid.
Physical state:	Solid.
Odour:	Odourless.
Odour threshold:	No information available.
pH:	No information available.
Melting/freezing point:	No information available.
Initial boiling point & boiling range:	No information available.
Flash point:	No information available.
Evaporation rate:	No information available.
Flammability (solid, gas):	No information available.
Upper/lower flammability or explosive limits:	No information available.
Vapour pressure:	No information available.
Vapour density:	No information available.
Relative density:	> 1 (water = 1).
Solubility(ies):	Insoluble in water.
Partition coefficient:	n-octanol/water No information available.
Auto-ignition temperature:	This product is not self igniting.
Decomposition temperature:	No information available.
Viscosity:	No information available.
Explosive properties:	This product does not present on explosion hazard.
Oxidising properties:	No information available.

9.2 Other information

None.

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SECTION 10: Stability and reactivity

10.1 Reactivity:	Hazardous reactions will not occur under normal conditions.
10.2 Chemical stability:	Stable under normal temperature conditions and recommended use.
10.3 Possibility of hazardous reactions:	No known hazardous reactions in usual handling.
10.4 Conditions to avoid:	None known.
10.5 Incompatible materials:	Oxidizing agents.
10.6 Hazardous decomposition products:	Upon combustion: formation of CO, CO ₂ and small quantities of nitrous vapours, sulphur oxides.

SECTION 11: Information on toxicological effects

11.1 Information on toxicological effects:	
Acute toxicity:	No information available.
Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	
Respiratory sensitization	No information available.
Skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeated exposure	No information available.
Aspiration hazard	No information available.

SECTION 12: Ecological information

12.1 Toxicity:	This product is not toxic to environment.
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:	Product does not meet criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006.
12.6 Other adverse effects:	No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:	Dispose in accordance with all applicable federal, state and local regulations.
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SECTION 14: Transport information

General: The substance is not a subject to transport regulations on hazardous goods included in ADR (road transport), RID (rail transport), IMDG (marine transport) and ICAO/IATA (air transport).

14.1 UN number

ADR/RID: Non-Regulated Material IMDG: Non-Regulated Material ICAO/IATA: Non-Regulated Material

14.2 Proper shipping name

ADR/RID: Non-Regulated Material IMDG: Non-Regulated Material IATA: Non-Regulated Material

14.3 Transport hazard class(es)

ADR/RID: Non-Regulated Material IMDG: Non-Regulated Material ICAO/IATA: Non-Regulated Material

14.4 Packing group

ADR/RID: Non-Regulated Material IMDG: Non-Regulated Material ICAO/IATA: Non-Regulated Material

14.5 Environmental hazards

ADR/RID: No IMDG Marine pollutant: No ICAO/IATA: No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA
None of the components in this product is listed.

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended
None of the components in this product is listed.

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
None of the components in this product is listed.

Directive 2012/18/EU on major accident hazards involving dangerous substances
None of the components in this product is listed.

National regulation (Germany)
Water hazard class (WGK)
Water hazard class 1: Slightly hazardous to water.

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out

SECTION 16: Other information

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Abbreviations and acronyms

NC	Not Classified
H228	Flammable solid
H261	In contact with water releases flammable gas
LD50	Dose that will kill 50% of the test animals
LC50	Concentration that will kill 50% of the test animals
TWA:	Time-Weighted Average
STEL:	Short Term Exposure Limit
RID:	Regulations Concerning the International Carriage of Dangerous Goods by Rail
ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
ICAO:	International Civil Aviation Organisation
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative

Further Information:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.