



## Material Safety Data Sheet

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### 1. Product & Company Identification

<b>Product:</b>	Hot Melt Glue Stick, Colored Glue Stick, Glitter Glue Stick
<b>Manufacturer:</b>	Conrad Electronic SE
<b>Address:</b>	Klaus-Conrad-Str. 1, D-92240 Hirschau
<b>Telephone:</b>	+49 (0) 9604 / 40 - 8988
<b>Date of issue:</b>	01.07.2022

#### 1.1 Product identifier

Trade name:

HOT MELT GLUE STICK / COLORED GLUE STICK / GLITTER GLUE STICK

**Registration number:**

No available data.

**UFI number:**

No available data.

**Other means of identification:**

Style no: TTC, TT7-8, TT7-10.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against on Application of the substance/mixture

Consumer uses, adhesive.

**Uses advised against:**

No available data.

**Reason why uses advised against:**

No available data.



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### **2. Hazards Identification**

#### **2.1 Classification of the substance or mixture**

##### **2.1.1 Classification according to regulation (EC) 1272/2008:**

The product is not classified according to CLP Regulation.

<b>Regulation (EC) No 1272/2008 [CLP]</b>	<b>Classification procedure</b>
Not applicable	Not applicable

#### **2.2 Label elements**

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

The product is not labelled according to CLP Regulation.

##### **Hazard pictograms:**

Not applicable

##### **Signal word:**

Not applicable

##### **Hazard-determining components of labelling:**

Not applicable

##### **Hazard statements:**

Not applicable

##### **Precautionary statement:**

Not applicable

##### **Supplemental label elements:**

Not applicable

#### **2.3 Other hazards**

None of the ingredients ( $\geq 0.1\%$ ) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None of the ingredients ( $\geq 0.1\%$ ) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.



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### 3. Composition/Information On Ingredients

#### 3.1 Substance

Not applicable

#### 3.2 Mixtures

Description of the mixture:

HOT MELT GLUE STICK COLORED GLUE STICK GLITTER GLUE STICK.

Substance	CAS No.	Index No.	EC No.	w/w %	CLP Classification	SCL/M-factor/ATE
Ethylenevinylacetate copolymer	24937-78-8	-	-	50-70	None	-
Hydrocarbon resin	68132-00-3	-	-	5-42	None	-
Pentaerythryl rosinates	8050-26-8	-	232-479-9	0-30	None	-
Paraffin wax	8002-74-2	-	232-315-6	<5	None	-

#### **Additional information:**

Full text of H-statements, see SECTION 16.

### 4. First Aid Measures

#### 4.1 Description of first aid measures

##### **General advice:**

Get medical attention if you feel unwell.

##### **After inhalation:**

Supply with fresh air. Get medical attention if you feel unwell.

##### **After skin contact:**

No special measures required normally. If there are signs of irritation or other symptoms seek medical attention.

##### **After eye contact:**

Rinse eyes with water. If eye irritation occurs: Get medical advice/attention.

##### **After swallowing:**

Wash mouth. Get medical attention if you feel unwell.

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

No known symptoms or effects, acute or delayed.

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

Treatment according to symptoms, no known specific medicine.



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### **5. Firefighting Measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing agents:**

Use CO<sub>2</sub>, chemical powder, water spray or alcohol resistant foam to extinguish.

**Unsuitable extinguishing media:**

Water with full jet.

#### **5.2 Special hazards arising from the substance or mixture**

May form allergic vapor/fume in air under fire.

#### **5.3 Advice for firefighters**

**Protective equipment:**

Wear self-contained breathing apparatus for firefighting if necessary.

### **6. Accidental Release Measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

##### **6.1.1 For non-emergency personnel**

**Protective equipment:**

Dust mask.

**Emergency procedures:**

Ensure adequate ventilation. Avoid breathe dust.

##### **6.1.2 For emergency responders**

**Personal protective equipment:**

Dust mask.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent spillage from entering drains, sewer, basement or confined areas. If the spillage contaminates rivers, lakes or drains inform respective authorities.

#### **6.3 Methods and material for containment and cleaning up**

Ensure good ventilation. Dispose contaminated material as waste according to item 13.

#### **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 disposal in formation.



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## 7. Handling and Storage

### 7.1 Precautions for safe handling

No special precautions for safe handling normally.

### **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

### 7.2 Conditions for safe storage, including any non-compatibility

#### **Requirements to be met by storerooms and receptacles:**

Store in a dry and well-ventilated place.

#### **Information about storage in one common storage facility:**

Keep out of reach of children.

#### **Further information about storage conditions:**

Store locked up.

#### **Storage class:**

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### 7.3 Specific end use(s)

See section 1.2.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
8002-74-2 Paraffin wax, fume or respirable dust		
Belgium	2 mg/m <sup>3</sup>	-
Denmark	2 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>
Finland	1 mg/m <sup>3</sup>	-
France	2 mg/m <sup>3</sup>	-
Ireland	2 mg/m <sup>3</sup>	6 mg/m <sup>3</sup> 15 minutes reference period
Poland	2 mg/m <sup>3</sup>	-
Romania	2 mg/m <sup>3</sup>	6 mg/m <sup>3</sup> 15 minutes average value
Spain	2 mg/m <sup>3</sup>	-
United Kingdom	2 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>

DNELs: No available data.

PNECs: No available data.

#### **Additional information:**

The lists valid during the marking were used as basis.



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### **8.2 Exposure controls**

Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

#### **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

See section 7 for information about design of technical facilities.

#### **Personal protective equipment**

##### **Eye and face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



**Safety glasses**

Protective goggles with side-shields.

##### **Skin protection**

##### **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



**Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

##### **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required: Gauntlets, boots, bodysuit are recommended.

##### **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required: Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

##### **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required: The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

##### **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation



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### 9. Physical And Chemical Properties

#### 9.1. Information on basic physical and chemical properties

Physical state	Solid, gel.
Color	Glitter/ Colored/ Transparent
Odor & Odor threshold	Odorless
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not flammable solid
Lower and upper explosion limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not determined
pH	Not determined, this product is insoluble in water.
Kinematic viscosity (mm <sup>2</sup> /s)	Not determined
Solubility	Insoluble in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapor pressure	Not determined
Density and/or relative density	Not determined
Relative vapor density	Not determined
Particle characteristics	Not determined

#### 9.2 Other information

##### 9.2.1 Information with regard to physical hazard classes:

Explosives	Not applicable
Flammable gases	Not applicable
Aerosols	Not applicable
Oxidising gases	Not applicable
Gases under pressure	Not applicable
Flammable liquids	Not applicable
Flammable solids	Not applicable
Self-reactive substances and mixtures	Not applicable
Pyrophoric liquids	Not applicable
Pyrophoric solids	Not applicable
Self-heating substances and mixtures	Not applicable
Substances and mixtures, which emit flammable gases in contact with water	Not applicable
Oxidizing liquids	Not applicable
Oxidizing solids	Not applicable



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Organic peroxides	Not applicable
Corrosive to metals	Not applicable
Desensitised explosives	Not applicable
<b>9.2.2 Other safety characteristics</b>	
Mechanical sensitivity	Not applicable
Self-accelerating polymerisation temperature	Not applicable
Formation of explosible dust/air mixtures	Not applicable

## **10. Stability And Reactivity**

### **10.1 Reactivity**

No decomposition if used according to specification.

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No known hazardous reaction.

### **10.4 Conditions to avoid**

High temperature above 42°C.

### **10.5 Incompatible materials**

Strong acid and strong oxidizing agents.

### **10.6 Hazardous decomposition products**

No known hazardous decomposition products.





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### **11. Toxicological Information**

#### **11.1 Information on toxicological effects**

**Acute toxicity:**

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation:**

Based on available data, the classification criteria are not met.

**Serious eyes damage/ irritation:**

Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization:**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:**

Based on available data, the classification criteria are not met.

**Carcinogenicity:**

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.

#### **11.2 Information on other hazards**

##### **11.2.1 Endocrine disrupting properties:**

None of the ingredients ( $\geq 0.1\%$ ) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

##### **11.2.2 Other information:**

No known other relevant information on adverse health effects.



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### **12. Ecological Information**

#### **12.1 Toxicity**

No available data.

#### **12.2 Persistence and degradability**

No available data.

#### **12.3 Bio-accumulative potential**

No available data.

#### **12.4 Mobility in soil**

No available data.

#### **12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances ( $\geq 0.1\%$ ) that are assessed to be a PBT or a vPvB.

#### **12.6 Endocrine disrupting properties**

None of the ingredients ( $\geq 0.1\%$ ) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

#### **12.7 Other adverse effects**

No known other adverse effects.

#### **12.8 Additional ecological information**

General notes:

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of the product to reach ground water, water course or sewage system

### **13. Disposal Considerations**

#### **13.1 Waste treatment methods**

##### **Recommendation:**

Small quantities can be disposed together with household garbage. Large quantities disposed must be in according to the local regulation.

#### **13.2 Un-cleaned packaging**

##### **Recommendation:**

Dispose of contents/container in according to the local/regional/national/ international regulation.

### **14. Transport Information**

#### **ADR/RID/ADN**

This product is not subject to ADR/RID/ADN.

#### **IATA-DGR**

This product is not subject to IATA-DGR.

#### **IMO/IMDG**

This product is not subject to IMO/IMDG code.



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### **15. Regulatory Information**

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

##### **MAK (German Maximum Workplace Concentration):**

None of the ingredients is listed.

##### **Directive 2012/18/EU**

##### **Named dangerous substances-ANNEX I:**

None of the ingredients is listed.

##### **Seveso category:**

Not applicable

##### **Qualifying quantity (tonnes) for the application of lower-tier requirements:**

Not applicable

##### **Qualifying quantity (tonnes) for the application of upper-tier requirements:**

Not applicable

##### **National regulations**

##### **Water hazard class:**

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

##### **Other regulations, limitations and prohibitive regulations**

##### **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients is listed.

##### **REACH Regulation Annex XVII Restriction:**

None of the ingredients is listed.

##### **REACH Regulation Annex XIV Authorization List:**

None of the ingredients is listed.

#### **15.2 Chemical safety assessment**

A Chemical Safe Assessment has not been carried out

### **16. Other Information**

#### **16.1 Indication of changes**

None.

#### **16.2 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).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)



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PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

### **16.3 Key literature references and sources for data**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

### **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]**

See section 2.1 (classification).

### **16.5 Relevant H- and EUH-phrases (number and full text)**

None.

### **16.6 Training advice**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

### **16.7 Further information:**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

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