



## Material Safety Data Sheet

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### 1. Identification of the substance/mixture and of the company/undertaking

<b>Product:</b>	Hot melt glue
<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>Erstellungsdatum:</b>	21.08.2015

#### 1.1. Product identifier

Product name: Hot -melt glue.

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

Use of the substance/mixture: No information available.

### 2. Hazards Identification

#### 2.1 Classification of the substance/mixture according to Regulation (EC) No 1272/2008(CLP):

No information available.

#### Hazard Statement Code(s):

No information available.

#### 2.2 Label Elements

None.

#### Signal Word Code(s):

None.

#### 2.3 Other hazards

#### Precautionary statements:

No information available.

#### Results of PBT and vPvB assessment

PBT: No information available.

VPvB: No information available.

#### Other Hazard:

No information available.

### 3. Composition/Information On Ingredients

Component	Concentration/%	CAS NO.	EC NO.	CLP Classification Regulation (EC) No 1272/2008
Ethylene-vinyl acetate copolymer	54	24937-78-8	429-840-1	No data available.
Petroleum resins	34	64742-16-1	265-116-8	No data available.
Paraffin waxes	12	64742-51-4	265-154-5	No data available.



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### **4. First Aid Measures**

#### **4.1 General advices**

Move out of dangerous area, never give anything by mouth to an unconscious person

#### **4.2 Inhalation**

IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used. Do not use mouth-to-mouth resuscitation.

#### **4.3 Skin contact**

IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.

#### **4.4 Eye contact**

First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.

#### **4.5 Ingestion**

Call a physician immediately. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician.

#### **4.6 Notes to Physician**

Show this safety data sheet to the doctor in attendance.

### **5. Fire-Fighting Measures**

#### **5.1 Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. chemical foam . Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Extinguishing media which shall not be used for safety reasons:**

No information available.

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

Thermal decomposition can lead to release of irritating gases and vapors.

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

As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

#### **Other information:**

No information available.



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

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

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

Use suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

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

People shall be provided related to suitable fabric for personal protective clothing.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. It shall be provided on any environmental precautions to be taken related to accidental spills and release of the substance or mixture, such as keeping away from drains, surface and ground water.

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

If you spill this chemical, soak up with inert absorbent material, then transfer the dampened material to a suitable container. Keep the container in suitable, closed containers for disposal. Your contaminated clothing and the absorbent paper should be sealed in a vapor-tight plastic bag for eventual disposal. Wash all contaminated surfaces with a soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

#### **6.4 Reference to other sections**

If appropriate Sections 8 and 13 shall be referred to.

### **7. Handling And Storage**

#### **7.1 Precautions for safe handling**

All chemicals should be considered hazardous. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Do not eat, drink and smoke in work areas, wash hands after use, remove contaminated clothing and protective equipment before entering eating areas.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep in a cool, dry, dark location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

#### **7.3 Specific end use(s)**

No information available.



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### **8. Exposure Controls / Personal Protection**

#### **8.1 Control parameters**

##### **Exposure limit values:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

##### **Biological limit values:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

##### **Derived No Effect Level (DNEL):**

No information available.

##### **Predicted No Effect Concentration (PNEC):**

No information available.

#### **8.2 Exposure controls**

##### **Engineering Measures:**

Ensure adequate ventilation, especially in confined areas.

Ensure that eyewash stations and safety showers are close to the workstation location.

##### **Personal protective equipment:**

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

Wear appropriate protective gloves.

##### **Eye protection:**

Safety glasses with side-shields.

##### **Skin and body protection:**

Wear impervious clothing and boots. Remove and wash contaminated clothing before re-use.

##### **Respiratory protection:**

Wear a NIOSH-approved half face respirator equipped with an organic vapor/acid gas cartridge (specific for organic vapors, HCl, acid gas and SO<sub>2</sub>) with a dust/mist filter.

##### **Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoking.

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

No information available.



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### **9. Physical And Chemical Properties**

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

Form:	Solid
Color:	White Translucent
Odour:	Odorless
pH:	No data available
Melting point/Range:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Upper/lower explosive limits:	No data available
Vapour pressure/ density:	No data available
Relative density (water=1):	>1
Solubility(ies):	No data available
Water solubility:	Insoluble
Partition coefficient: n-octanol / water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

#### **9.2 Other information**

No data available.



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### **10. Stability And Reactivity**

#### **10.1 Reactivity**

Hazardous polymerization does not occur.

#### **10.2 Chemical stability**

Stable under normal temperatures and pressures.

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

None under normal processing.

#### **10.4 Conditions to avoid**

Incompatible products.

#### **10.5 Incompatible materials**

Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid, and trace volatile organic compounds).

#### **10.6 Hazardous decomposition products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### **11. Toxicological Information**

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

##### **Acute Toxicity:**

No acute toxicity information is available for this product.

##### **Chronic Toxicity:**

Carcinogenicity: There are no known carcinogenic chemicals in this product.

##### **Sensitization:**

No information available.

##### **Mutagenic Effects:**

No information available.

##### **Reproductive Effects:**

No information available.

##### **Developmental Effects:**

No information available.

##### **Teratogenicity:**

No information available.

##### **Target Organs:**

No information available.

##### **Other Adverse Effects:**

The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

##### **Endocrine Disruptor Information:**

None known.



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### **12. Ecological Information**

#### **12.1 Toxicity**

##### **Ecotoxicity effects:**

Do not empty into drains

#### **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**

No information available.

#### **12.6 Other adverse effects**

No information available.

### **13. Disposal Considerations**

#### **Specify the appropriate methods of disposal of both the substance or mixture and any contaminated packaging:**

Dispose of in a manner consistent with federal, state, and local regulations.

#### **Waste treatment methods**

##### **Waste from Residues / Unused Products:**

Dispose of in accordance with local regulations.

##### **Contaminated Packaging:**

Empty containers should be taken for local recycling, recovery or waste disposal.

### **14. Transport Information**

IMDG: Not regulated.

ADR/RID: Not regulated.

ICAO/IATA: Not regulated.



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### **15. Regulatory Information**

**Labelling:**

European Labelling in Accordance with EC Directives.

**Waste:**

See disposal part

**Meet the following requirements of chemical directory:**

AICS, IECSC, DSL, EINECS, ENCS, KECI, PICCS, TSCA.

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

OSUNDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

CHINA - China Inventory of Existing Chemical Substances.

AICS - Inventory of Chemical Substances.

KECL - Existing and Evaluated Chemical Substances.

### **16. Other Information**

**Sources of key data used to compile the data sheet:**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006 (REACH) Annex 11, Regulation (EC) No 1272/2008, Regulation (EC) No 453/2010.

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