



Cleaning Agent 761.7

Hot melt material to clean melting units, hoses, and application units in which reactive PUR hot melt adhesives are processed.

Fields of application

- Cleaning of melting and application units with replaceable reactive PUR hot melt adhesive inserts, and other non-reactive hot melt adhesive systems (e. g. those based on EVA)

Advantages

- The use of a hot melt cleaning agent prevents clogging of feeding systems as well as reactive incrustation on application units. Renders nozzles clog free.

Properties of the hot melt cleaning agent

Base:	EVA Copolymers
Specific gravity:	approx. 0.98 g/cm ³
Colour:	blue
Viscosity	
Brookfield HBTD:	at 100° C: approx. 26.000 mPa·s at 120° C: approx. 11.000 mPa·s at 140° C: approx. 6.000 mPa·s
Processing temperature:	120 - 140 °C
Identification:	not required according to the German hazardous substances regulations GefStoffV, (see our safety data sheet)

Attention:

When hot melt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover if the prescribed working temperature is exceeded over a longer period, harmful decomposition products can develop. Precautions should be taken to eliminate the vapours, e.g. by using a suitable ventilation system.

Application techniques

Especially when PUR hot melt adhesives are used, it is important that the application devices (particularly those devices fitted with nozzles), be thoroughly cleaned when there is a stoppage in the application process, (e.g. overnight or at the weekend).

Thorough cleaning can easily be performed by melting and flushing Cleaning Agent 761.7 through the application device.

Attention!

Before PUR hot melt adhesives are again used in these machines, Cleaning Agent 761.7 has to be completely drained off.

Packaging

Paper bags 20 kg net

Storage

KLEIBERIT Cleaning Agent 761.7 can be stored for approximately 2 years.

Keep in a cool and dry place.

EX1101

**Safety Data Sheet**
acc. to OSHA HCS

Printing date 04/08/2015

Version-No. 7

Reviewed on 04/08/2015

1: Identification**1.1. Product identifier****Trade name / Article No: KLEIBERIT 761.7****1.2. Relevant identified uses of the substance / mixture or uses advised against**

No further relevant information available.

Application of the substance / the mixture Cleaning substance (Detergents)**1.3. Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

KLEBCHEMIE

M.G.Becker GmbH + Co. KG

Max Becker Str. 4

D - 76356 Weingarten / Baden

Germany

EdgeCo Inc.

194 Candlewood Rd.

Bay Shore, N.Y. 11706

USA

Information department:

Phone 1-800-644-6449

FAX 1-631-434-2775

1.4. Emergency telephone number:

email: hse@kleiberit.com

1-800-424-9300 (CHEMTREC)

1-800-451-1403 (SARA-HOTLINE)

2: Hazard(s) identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 - GHS/CLP**

The product is not classified as hazardous to health or environment according to the CLP regulation.

2.2. Label elements**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Hazardous Material (US)**This material is not considered as hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)**Classification system:****NFPA-ratings (scale 0 - 4) - USA:**

Health = 0

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0 - 4) - USA:

Health = 0

Fire = 1

Reactivity = 0

HMIS PPE - Personal Protection Equipment (A - K, X) - USA: B - Safety Glasses, - Gloves**CARCINOGENICITY** NTP: No IARC: No OSHA: No**2.3. Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

(Contd. on page 2)

USA

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Trade name / Article No: KLEIBERIT **761.7**

(Contd. of page 1)

3: Composition/information on ingredients

- **3.2. Mixtures**

- **Description:** Mixture of synthetic plastics, based on ethylene vinyl acetate

- **Dangerous components:**

CAS NO.	Description	Void	%

4: First-aid measures

- **4.1. Description of first aid measures**

- **General information:** No special measures required.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Generally the product does not irritate the skin.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Seek medical treatment.

- **Information for doctor:**

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

No further relevant information available.

- **4.3. Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5: Fire-fighting measures

- **5.1. Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **5.2. Special hazards arising from the substance or mixture** No further relevant information available.

- **5.3. Advice for firefighters**

- **Protective equipment:** Wear self-contained respiratory protective device.

6: Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures** Not required.

- **6.2. Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

- **6.3. Methods and material for containment and cleaning up:**

Allow to solidify. Pick up mechanically.

Pick up mechanically.

- **6.4. Reference to other sections** No dangerous substances are released.

7: Handling and storage

- **Handling:**

- **7.1. Precautions for safe handling**

Any deposit of dust which cannot be avoided must be regularly removed.

Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.

Prevent formation of dust.

- **Information about protection against explosions and fires:**

>> **Protect against electrostatic charges.** <<

Dust can combine with air to form an explosive mixture.

- **7.2. Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** No special measures required.

- **Information about storage in one common storage facility:** Observe the national regulations.

(Contd. on page 3)

USA

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(Contd. of page 2)

- Further information about storage conditions: None.
- 7.3. Specific end use(s) No further relevant information available.

8: Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- 8.1. Control parameters
- Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.2. Exposure controls
- Personal protective equipment:
- Breathing equipment:
- Protection of hands:
Heat resistant gloves
The following data is based on information from Ansell Limited, supplier of protective gloves.
- Material of gloves
Leather gloves
A Nitrile rubber - NBR: AlphaTec® (Lamination strength not applicable)
D butyl rubber - BR: ChemTek™ (0,7 mm)
- Eye protection: Safety glasses

9: Physical and chemical properties

- 9.1. Information on basic physical and chemical properties
- General Information
- Appearance:

Form:	Solid
Color:	Blue
Odor:	Weak, characteristic
- Change in condition

Boiling point/Boiling range:	Undetermined.
Softening temperature / range:	761.7: ~95 °C / ~203 °F 761.7.04: ~75 °C / ~167 °F
- Flash Point: Not determined
- Ignition Temperature: Not determined
- Auto Igniting: Product is not selfigniting.
- Danger of Explosion: Product does not present an explosion hazard.
- Density at 20 °C (68 °F): 0.98 g/cm³ (8.178 lbs/gal)
- Solubility in / Miscibility with

Water:	Insoluble.
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- 9.2. Other information No further relevant information available.

10: Stability and reactivity

- 10.1. Reactivity see item 10.3
- 10.2. Chemical stability Stable when stored and used properly.
- Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat.
- 10.3. Possibility of hazardous reactions No dangerous reactions known.
- 10.4. Conditions to avoid No further relevant information available.
- 10.5. Incompatible materials: No further relevant information available.

(Contd. on page 4)

USA

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Trade name / Article No: KLEIBERIT 761.7

(Contd. of page 3)

- **10.6. Hazardous decomposition products:** No dangerous decomposition products known.

11: Toxicological information

- **11.1. Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**
- **NTP (National Toxicology Program)**

None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12: Ecological information

- **12.1. Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2. Persistence and degradability** No further relevant information available.
- **Other information:** The product is difficultly biodegradable.
- **12.3. Bioaccumulative potential** No further relevant information available.
- **12.4. Mobility in soil** No further relevant information available.
- **12.5. Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6. Other adverse effects** No further relevant information available.

13: Disposal considerations

- **13.1. Waste treatment methods**
- **Recommendation:**
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packagings:**
- **Recommendation:**
Non contaminated packagings can be used for recycling.
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

14: Transport information

- **14.1. UN-Number** Not applicable
- **14.2. UN proper shipping name** Not applicable
- **DOT, IMDG**
- **Class** No dangerous good
- **IATA**
- **Class** Not classified as dangerous goods under IATA regulations
- **14.4. Packing group** Not applicable

(Contd. on page 5)

USA

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Trade name / Article No: **KLEIBERIT 761.7**

(Contd. of page 4)

- **14.5. Environmental hazards:**
- **Marine pollutant:** 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.

15: Regulatory information

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
See position 2 - Hazards Identification
- **TSCA (Toxic Substances Control Act) - USA:** All components of this product are on TSCA.
- **Proposition 65 - USA**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity (Prop 65):**
None of the ingredients is listed.
- **EPA (Environmental Protection Agency):**
None of the ingredients is listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health) - California/USA:**
None of the ingredients is listed.
- **National regulations:**
- **VOC - Volatile Organic Compounds**
- **US (40CFR part59): VOC content [g / L] solid, 0 g / L**
- **15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **USA: Relevant labels and warnings HAZCOM LABEL:** NOT REQUIRED
- **Department issuing SDS:** Safety & Environment
- **Contact:** Dr. Wolfgang Stüber
- **Abbreviations and acronyms:**
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ICAO: International Civil Aviation Organisation
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
- *** Data compared to the previous version altered. -**

USA