

**Material Safety Data Sheet**  
selon ISO/DIS 11014

Printing date 07/06/2023

Version-No. 7

Reviewed on 07/06/2023

**Identification**· **1.1. Product identifier**· Trade name / Article No: **KLEIBERIT 347.0**

· Application of the substance / the mixture Adhesives

· **1.3. Details of the supplier of the safety data sheet**· **Manufacturer/Supplier:**

KLEBCHEMIE

M.G.Becker GmbH &amp; Co. KG

Max Becker Str. 4

D - 76356 Weingarten / Baden

Allemagne / Germany

· **Information department:**

KLEIBERIT Adhesives Canada

Inc.

45 Sheppard Avenue East, Suite 900

Toronto, Ontario M2N 5W9

Canada

Phone 1-416-256-5842

FAX 1-416-781-4901

Toll free 1888-443-666

· **1.4. Emergency telephone number:**

email: hse@kleiberit.com

1-800-424-9300 (CHEMTREC)

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

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

Eye Irrit. 2A H319 Causes serious eye irritation.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

· **2.2. Label elements**· **Hazard pictograms**

GHS07 GHS08

· **Signal word** Warning· **Hazard-determining components of labeling:**

butyl glycollate

· **Hazard statements**

H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child.

· **Precautionary statements**

P280 Wear protective gloves / eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

· **NFPA-ratings (scale 0 - 4) - USA:**

Health = 1

Fire = 0

Reactivity = 0

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

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

### · WHMIS Classes, Divisions and Subdivisions - Canada

#### · Class D - Poisonous and Infectious Materials

Division 2 - Materials Causing Other Toxic Effects

Subdivision B - Toxic Materials

#### · CARCINOGENICITY NTP: No IARC: No OSHA: No

#### · 2.3. Other hazards

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

## Composition/information on ingredients

### · 3.2. Mixtures

· **Description:** Synthetic polymer emulsion of polyvinylacetate in water

#### · Dangerous components:

Registry-No's	Identification / Classification GHS-CLP	%
CAS: 7397-62-8	butyl glycollate Repr. 2, H361; Eye Dam. 1, H318	< 2.0% w/w
CAS: 67-56-1 RTECS: PC 1400000	methanol Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT SE 1, H370	< 1.0% w/w

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## First-aid measures

### · 4.1. Description of first aid measures

· **After inhalation:** Unnecessary

· **After skin contact:** Rinse with warm water.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **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.

## Fire-fighting measures

· **Flammability** Combustible Yes: - No: -

· **If yes, under which conditions ?** Not flammable. Not combustible. Flash point >93.3 °C / > 200 °F

### · 5.1. Extinguishing media

#### · Suitable extinguishing agents:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** None

#### · Flash point :

See Pos. 9

Not applicable

· **Flammable Limits (% by volume)** Not applicable

· **Autoignition Temperature :** Not applicable

· **Explosion Data - Sensitive to Impact:** Not applicable

· **5.2. Special hazards arising from the substance or mixture** Ethanoic acid

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- **5.3. Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

### Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.
- **6.2. Environmental precautions:** No special measures required.
- **6.3. Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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 information.

### Handling and storage

- **Handling:**
- **7.1. Precautions for safe handling**  
Enclosure or extractor facilities are required.  
Spraying: in vented cabin with laminar air flow  
Wear protective gloves/protective clothing/eye protection/face protection.  
Close the container immediately after usage.  
Application temperature is not higher than 20 °C above the surrounding temperature  
Avoid taking samples by immersion
- **Information about protection against explosions and fires:** No special measures required.
- **7.2. Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep container tightly closed.
- **Information about storage in one common storage facility:** Observe the national regulations.
- **Further information about storage conditions:** None.
- **7.3. Specific end use(s)** No further relevant information available.

### 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**  
limit the exposure to:  
8 hours
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves
- **Material of gloves A** Nitrile rubber - NBR: AlphaTec® (Lamination strength not applicable)
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

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### Physical and chemical properties

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

##### General Information

##### Appearance:

Form: Fluid

Color: White

Odor: Acidic

Odor threshold: Not determined.

pH-value at 20 °C (68 °F): 5

##### Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C (212 °F)

Flash Point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition Temperature: Not applicable.

Decomposition Temperature: Not determined.

Auto Igniting: Product is not selfigniting.

Danger of Explosion: Product does not present an explosion hazard.

##### Explosion Limits:

Lower: Not determined.

Upper: Not determined.

Vapor Pressure at 20 °C (68 °F): 23 hPa (17 mm Hg)

Density at 20 °C (68 °F): 1.08 g/cm<sup>3</sup> (9.013 lbs/gal)

Relative Density: Not determined.

Vapour Density: Not determined.

Evaporation Rate: Not determined.

##### Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

##### Viscosity:

Dynamic at 20 °C (68 °F): 14000 mPas

Method: Brookfield RVT

Kinematic: Not determined.

9.2. Other information: No further relevant information available.

### 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: No decomposition if used according to specifications.

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.

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

### Toxicological information

#### 11.1. Information on toxicological effects

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

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- **LD/LC50 values that are relevant for classification:**

- **7397-62-8 butyl glycollate**

- Oral LD<sub>50</sub> 4595 mg/kg (rat)

- Inhalative LC<sub>50</sub> >6.2 mg/l (rat)

- **67-56-1 methanol**

- Oral LD<sub>50</sub> 143 mg/kg (human being)

- 7300 mg/kg (mouse)

- 5900 mg/kg (rat)

- Dermal LD<sub>50</sub> 20000 mg/kg (rabbit)

- Inhalative LC<sub>50</sub> /4 h 85 mg/l (rat)

- **Primary irritant effect:**

- **on the skin:** Based on available data, the classification criteria are not met.

- **on the eye:**

- Causes serious eye irritation.

- **Sensitization:** Based on available data, the classification criteria are not met.

- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

- polyvinylacetate: 3

- **NTP (National Toxicology Program)**

- None of the ingredients is listed.

### Ecological information

- **12.1. Toxicity**

- **Aquatic toxicity:**

- **7397-62-8 butyl glycollate**

- LC0 50 g/l (48 h) (gold orfw - Leuciscus idus)

- EC<sub>50</sub> 280 mg / l / 24h (water flea - Daphnia)

- **67-56-1 methanol**

- LC<sub>50</sub> 15500 mg / l / 96h (Bluegill - Lepomis macrochirus)

- **12.2. Persistence and degradability** No further relevant information available.

- **Other information:** The product is 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.

### Disposal considerations

- **13.1. Waste treatment methods**

- **Recommendation:**

- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Can be disposed of with household garbage after solidification following consultation 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.

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Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

### Transport information

- 14.1. UN-Number Unnecessary
  - 14.2. UN proper shipping name Unnecessary
  - DOT
  - Class No dangerous good
  - 14.4. Packing group Unnecessary
  - 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.
- 
- IMDG
  - Remarks: Transporting in accordance to 2.3.2.2 IMDG (viscous liquids)
- 
- IATA
  - Remarks: Transporting in accordance to 3.3.3.1.1 IATA DGR (viscous liquids)  
PAS < 30L; CAO < 100L

### Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
See position no 2 - Hazards Identification
- TSCA (Toxic Substances Control Act) - USA: All components of this product are on TSCA.
- DSL (Canadian Domestic Substance List) - Canada:  
All ingredients are listed.
- National regulations:
- VOC - Volatile Organic Compounds
- VOC - Content: [g/L] 21.1 g/l
- VOC - Volatile organic compounds: content [mass-%] 1.95 %
- US (40CFR part59): VOC content [g / L] 21.1 g/l / 0.18 lb/gl
- CDN: WHMIS-controlled material Not restricted
- 15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### 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
- Relevant phrases  
H225 Highly flammable liquid and vapour.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H318 Causes serious eye damage.  
H331 Toxic if inhaled.  
H361 Suspected of damaging fertility or the unborn child.  
H370 Causes damage to organs.
- Department issuing SDS: Safety & Environment
- Contact: Dr. Wolfgang Stüber

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**Trade name / Article No: KLEIBERIT 347.0***(Contd. of page 6)***· Abbreviations and acronyms:**

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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

**· \* Data compared to the previous version altered. -**

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