



Safety Data Sheet according to (EC) No 1907/2006 as amended

Page 1 of 13

LOCTITE ECI 1006 E&C

SDS No. : 452646
V004.1

Revision: 05.07.2022
printing date: 05.02.2023

Replaces version from: 10.01.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

LOCTITE ECI 1006 E&C

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

Intended use:

Ink

1.3. Details of the supplier of the safety data sheet

Henkel Ltd
Adhesives
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

ua-productsafety.uk@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or www.henkel-adhesives.com.

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

| | |
|--|-------------|
| Skin sensitizer | Category 1 |
| H317 May cause an allergic skin reaction. | |
| Carcinogenicity | Category 1B |
| H350 May cause cancer. | |
| Acute hazards to the aquatic environment | Category 1 |
| H400 Very toxic to aquatic life. | |
| Chronic hazards to the aquatic environment | Category 1 |
| H410 Very toxic to aquatic life with long lasting effects. | |

2.2. Label elements

Label elements (CLP):

Hazard pictogram:**Contains**

Hexanoic acid, 2-ethyl-, cobalt(2+) salt

Signal word:

Danger

Hazard statement:

H317 May cause an allergic skin reaction.
 H350 May cause cancer.
 H410 Very toxic to aquatic life with long lasting effects.

Supplemental information

Restricted to professional users.

**Precautionary statement:
Prevention**

P201 Obtain special instructions before use.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing.

**Precautionary statement:
Response**

P308+P313 IF exposed or concerned: Get medical advice/attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

None if used properly.
 Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

Following substances are present in a concentration $\geq 0,1\%$ and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in concentration \geq the concentration limit that are assessed to be a PBT, vPvB or ED.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components CAS-No. EC Number REACH-Reg No. | Concentration | Classification | Specific Conc. Limits, M-factors and ATEs | Add. Information |
|---|---------------|---|---|------------------|
| Silver $\geq 99,9\%$ Ag in powder ($>100\text{nm}<1\text{mm}$) 7440-22-4 231-131-3 01-2119555669-21 | 50- 100 % | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | M acute = 10 M chronic = 10 | EU OEL |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 205-250-6 01-2119524678-29 | 0,1- < 0,3 % | Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 Eye Irrit. 2, H319 Repr. 1B, H360 Carc. 1B, H350 | M acute = 1 | |

For full text of the H - statements and other abbreviations see section 16 "Other information".
 Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Rinse with running water and soap.

Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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

Prolonged or repeated contact may cause eye irritation.

Prolonged or repeated skin contact with silver and its salts may cause a blue-gray discoloration of the skin and mucous membranes that is irreversible (Argyria).

SKIN: Rash, Urticaria.

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

See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

water, carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:

In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Wear protective equipment.

Ensure adequate ventilation.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin and eye contact.
See advice in section 8

Hygiene measures:

Good industrial hygiene practices should be observed.
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.
Keep container tightly sealed.
Refer to Technical Data Sheet

7.3. Specific end use(s)

Ink

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Great Britain

| Ingredient [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|---|-----|-------------------|------------------------------|--|-----------------|
| Silver 7440-22-4 [SILVER (METALLIC)] | | 0,1 | Time Weighted Average (TWA): | | EH40 WEL |
| Silver 7440-22-4 [SILVER, METALLIC] | | 0,1 | Time Weighted Average (TWA): | Indicative | ECLTV |
| Cobalt bis(2-ethylhexanoate) 136-52-7 [COBALT AND COBALT COMPOUNDS (AS CO)] | | 0,1 | Time Weighted Average (TWA): | | EH40 WEL |

Occupational Exposure Limits

Valid for
Ireland

| Ingredient [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|--|-----|-------------------|------------------------------|--|-----------------|
| Silver 7440-22-4 [SILVER (METALLIC)] | | 0,1 | Time Weighted Average (TWA): | Indicative OELV | IR_OEL |
| Silver 7440-22-4 [SILVER, METALLIC] | | 0,1 | Time Weighted Average (TWA): | Indicative | ECLTV |

Predicted No-Effect Concentration (PNEC):

| Name on list | Environmental Compartment | Exposure period | Value | | | | Remarks |
|--|------------------------------|-----------------|--------------|-----|--------------|--------|----------------------|
| | | | mg/l | ppm | mg/kg | others | |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | aqua (freshwater) | | 0,00004 mg/l | | | | |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | aqua (marine water) | | 0,00086 mg/l | | | | |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | sewage treatment plant (STP) | | 0,025 mg/l | | | | |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | sediment (freshwater) | | | | 438,13 mg/kg | | |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | sediment (marine water) | | | | 438,13 mg/kg | | |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | Air | | | | | | no hazard identified |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | Soil | | | | 1,41 mg/kg | | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | aqua (freshwater) | | 0,0006 mg/l | | | | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | aqua (marine water) | | 2,36 µg/l | | | | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | sediment (freshwater) | | | | 9,5 mg/kg | | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | sediment (marine water) | | | | 9,5 mg/kg | | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | Soil | | | | 10,9 mg/kg | | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | sewage treatment plant (STP) | | 0,37 mg/l | | | | |

Derived No-Effect Level (DNEL):

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|--|--------------------|-------------------|---------------------------------------|---------------|--------------|----------------------|
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | Workers | inhalation | Long term exposure - systemic effects | | 0,1 mg/m3 | no hazard identified |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | General population | inhalation | Long term exposure - systemic effects | | 0,04 mg/m3 | no hazard identified |
| Silver >= 99,9 % Ag as powder (>100nm<1mm) classified for environment 7440-22-4 | General population | oral | Long term exposure - systemic effects | | 1,2 mg/kg | no hazard identified |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | Workers | Inhalation | Long term exposure - local effects | | 0,2351 mg/m3 | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | General population | Inhalation | Long term exposure - local effects | | 0,037 mg/m3 | |
| Cobalt bis(2-ethylhexanoate) 136-52-7 | General population | oral | Long term exposure - systemic effects | | 55,8 µg/kg | |

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls:
Ensure good ventilation/extraction.

Respiratory protection:
Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

Hand protection:
Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:
Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Protective eye equipment should conform to EN166.

Skin protection:
Wear suitable protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

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

| | |
|---|---|
| Physical state | liquid |
| Delivery form | Currently under determination |
| Colour | grey |
| Odor | None |
| Solidification temperature | < 0 °C (< 32 °F) |
| Initial boiling point | > 100 °C (> 212 °F) |
| Flammability | Non flammable product (flash point is greater than 93°C) |
| Explosive limits | The product is not flammable. |
| Flash point | > 93 °C (> 199.4 °F) |
| Auto-ignition temperature | > 200 °C (> 392 °F) |
| Decomposition temperature | Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use |
| pH | Product is non-soluble (in water)., Not applicable |
| Viscosity (kinematic) (20 °C (68 °F);) | > 15.000 mm ² /s |
| Solubility (qualitative) (20 °C (68 °F); Solvent: Water) | Insoluble |

| | |
|--|---------------------------------|
| Partition coefficient: n-octanol/water | Currently under determination |
| Vapour pressure (20 °C (68 °F)) | < 1 hPa |
| Density (25 °C (77 °F)) | 2,3 g/cm ³ no method |
| Relative vapour density: (20 °C) | > 1 |
| Particle characteristics | Currently under determination |

9.2. Other information

Other information not applicable for this product

SECTION 10: Stability and reactivity

10.1. Reactivity

Reaction with strong acids.
Reacts with strong oxidants.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable under normal conditions of storage and use.

10.5. Incompatible materials

See section reactivity.

10.6. Hazardous decomposition products

carbon oxides.

SECTION 11: Toxicological information

General toxicological information:

Prolonged or repeated contact may cause eye irritation.
Prolonged or repeated contact may cause skin irritation.

1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Species | Method |
|---|---------------|---------------|---------|--|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | LD50 | > 2.000 mg/kg | rat | OECD Guideline 401 (Acute Oral Toxicity) |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | LD50 | 3.129 mg/kg | rat | OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) |

Acute dermal toxicity:

Prolonged or repeated skin contact with silver and its salts may cause a blue-gray discoloration of the skin and mucous membranes that is irreversible (Argyria).

| Hazardous substances CAS-No. | Value type | Value | Species | Method |
|--|---------------|---------------|---------|--|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | LD50 | > 2.000 mg/kg | rat | OECD Guideline 402 (Acute Dermal Toxicity) |

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|--|----------------|------------------|----------|--|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | not irritating | | In vitro | OECD Guideline 439 (In Vitro Skin Irritation: Reconstructed Human Epidermis (RHE) Test Method) |

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|--|-------------|------------------|---------|---|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | Category II | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Test type | Species | Method |
|--|-------------|-----------|------------|---|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | sensitising | | guinea pig | OECD Guideline 406 (Skin Sensitisation) |

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|--|----------|---|--|---------|--|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | negative | in vitro mammalian cell micronucleus test | with and without | | OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test) |

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

No data available.

Aspiration hazard:

No data available.

11.2 Information on other hazards

not applicable

SECTION 12: Ecological information**General ecological information:**

Do not empty into drains / surface water / ground water.

12.1. Toxicity**Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|------------|--------------|---------------|---------------------|--|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | LC50 | 0,0012 mg/l | 96 h | Pimephales promelas | other guideline: |
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | EC10 | 0,00019 mg/l | 217 d | Salmo trutta | OECD Guideline 210 (fish early lite stage toxicity test) |

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|------------|--------------|---------------|---------------|------------------|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | EC50 | 0,00022 mg/l | 48 h | Daphnia magna | other guideline: |

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|------------|--------------|---------------|---------------|--|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | NOEC | 0,00032 mg/l | 21 d | Daphnia magna | EPA OPPTS 850.1300 (Daphnid Chronic Toxicity Test) |

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|--|---------------|--------------|---------------|---------------------------------|---|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | EC10 | 0,00016 mg/l | 15 d | other: | other guideline: |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | NOEC | 0,1506 mg/l | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | EC50 | 0,6542 mg/l | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

The product is not biodegradable.

| Hazardous substances CAS-No. | Result | Test type | Degradability | Exposure time | Method |
|--|-----------------------|-----------|---------------|---------------|---|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | readily biodegradable | aerobic | 60 % | 10 d | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |

12.3. Bioaccumulative potential

| Hazardous substances CAS-No. | Bioconcentration factor (BCF) | Exposure time | Temperature | Species | Method |
|--|-------------------------------|---------------|-------------|-----------------|------------------|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | 70 | 42 d | 20 °C | Cyprinus carpio | other guideline: |

12.4. Mobility in soil

Cured adhesives are immobile.

| Hazardous substances CAS-No. | LogPow | Temperature | Method |
|--|--------|-------------|---------------|
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | 4,68 | | not specified |

12.5. Results of PBT and vPvB assessment

| Hazardous substances CAS-No. | PBT / vPvB |
|--|---|
| Silver >= 99,9 % Ag in powder (>100nm<1mm) 7440-22-4 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt 136-52-7 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

12.6. Endocrine disrupting properties

not applicable

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Do not empty into drains / surface water / ground water.

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

SECTION 14: Transport information**14.1. UN number**

| | |
|------|------|
| ADR | 3082 |
| RID | 3082 |
| ADN | 3082 |
| IMDG | 3082 |
| IATA | 3082 |

14.2. UN proper shipping name

| | |
|------|--|
| ADR | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver) |
| RID | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver) |
| ADN | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver) |
| IMDG | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver) |
| IATA | Environmentally hazardous substance, liquid, n.o.s. (Silver) |

14.3. Transport hazard class(es)

| | |
|------|---|
| ADR | 9 |
| RID | 9 |
| ADN | 9 |
| IMDG | 9 |
| IATA | 9 |

14.4. Packing group

| | |
|------|-----|
| ADR | III |
| RID | III |
| ADN | III |
| IMDG | III |
| IATA | III |

14.5. Environmental hazards

| | |
|------|------------------|
| ADR | not applicable |
| RID | not applicable |
| ADN | not applicable |
| IMDG | Marine pollutant |
| IATA | not applicable |

14.6. Special precautions for user

| | |
|-----|----------------|
| ADR | not applicable |
|-----|----------------|

| | |
|------|----------------|
| | Tunnelcode: |
| RID | not applicable |
| ADN | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), A197 (IATA), 2.10.2.7 (IMDG) may be applied, which can result in a deviation from the transport classification for packed goods.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

| | |
|---|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012): | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021): | Not applicable |
| VOC content (2010/75/EC) | 25 % |

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H350 May cause cancer.
- H360 May damage fertility or the unborn child.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

| | |
|-------------|---|
| ED: | Substance identified as having endocrine disrupting properties |
| EU OEL: | Substance with a Union workplace exposure limit |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148 |
| EU EXPLD 2: | Substance listed in Annex II, Reg (EC) No. 2019/1148 |
| SVHC: | Substance of very high concern (REACH Candidate List) |
| PBT: | Substance fulfilling persistent, bioaccumulative and toxic criteria |
| PBT/vPvB: | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria |
| vPvB: | Substance fulfilling very persistent and very bioaccumulative criteria |

Further information:

This Safety Data Sheet has been produced for sales from Henkel to parties purchasing from Henkel, is based on Regulation (EC) No 1907/2006 and provides information in accordance with applicable regulations of the European Union only. In that respect, no statement, warranty or representation of any kind is given as to compliance with any statutory laws or regulations of any other jurisdiction or territory other than the European Union. When exporting to territories other than the European Union, please consult with the respective Safety Data Sheet of the concerned territory to ensure compliance or liaise with Henkel's Product Safety and Regulatory Affairs Department (ua-productsafety.de@henkel.com) prior to export to other territories than the European Union.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Dear Customer,

Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company.com).

Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.