

Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

Issue date: 25/01/2022

Revision date: 25/01/2022

Supersedes: 13/05/2020

Version: 1.2

SECTION 1: Identification

1.1. GHS Product identifier

| | |
|--------------|---------------------|
| Product form | Mixture |
| Product name | Hilti Spray |
| Product code | BU Direct Fastening |



1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

| | |
|------------------------------|---------------------------|
| Use of the substance/mixture | Lubricant |
| Recommended use | For professional use only |

1.4. Supplier's details

| Supplier | Department issuing data specification sheet |
|--|---|
| Hilti (Hong Kong) Ltd. 701-704, 7/F, Tower A, Manulife Financial Centre 223 Wai Yip Street, Kwun Tong Kowloon - Hong Kong T +852 27734 700 | Hilti Entwicklungsgesellschaft mbH Hiltistraße 6 86916 Kaufering - Deutschland T +49 8191 906876 |

1.5. Emergency phone number

| | |
|------------------|---|
| Emergency number | Schweizerisches Toxikologisches Informationszentrum – 24h Service +41 44 251 51 51 (international) +852 27734 700 |
|------------------|---|

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Flammable liquids Not classified

On basis of test data

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

According to the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards which do not result in classification

No additional information available

Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | Take off immediately all contaminated clothing. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | Wash contaminated clothing before reuse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion | Rinse mouth. Get medical advice/attention. Do not induce vomiting. Obtain emergency medical attention. |

4.2. Most important symptoms/effects, acute and delayed

| | |
|------------------|---------------------------|
| Symptoms/effects | No information available. |
|------------------|---------------------------|

4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | Water spray. Carbon dioxide. Dry powder. Foam. Sand. |
| Unsuitable extinguishing media | Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

| | |
|--|--|
| Hazardous decomposition products in case of fire | Thermal decomposition generates : Carbon dioxide. Carbon monoxide. |
|--|--|

5.3. Special protective actions for fire-fighters

| | |
|--------------------------------|---|
| Firefighting instructions | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | Self-contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | Spilled material may present a slipping hazard. |
|------------------|---|

6.1.1. For non-emergency personnel

| | |
|----------------------|---------------------------------|
| Emergency procedures | Evacuate unnecessary personnel. |
|----------------------|---------------------------------|

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | Use personal protective equipment as required. Equip cleanup crew with proper protection. |
|----------------------|---|

Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

| | |
|----------------------|-----------------|
| Emergency procedures | Ventilate area. |
|----------------------|-----------------|

6.2. Environmental precautions

No additional information available

6.3. Methods and materials for containment and cleaning up

| | |
|-------------------------|---|
| For containment | Collect spillage. |
| Methods for cleaning up | This material and its container must be disposed of in a safe way, and as per local legislation. Mechanically recover the product. Store away from other materials. |
| Other information | Dispose of materials or solid residues at an authorized site. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|------------------|---|
| Hygiene measures | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |
|------------------|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|------------------------|---|
| Storage conditions | Keep cool. Protect from sunlight. |
| Incompatible materials | Sources of ignition. Direct sunlight. Moisture. |
| Storage temperature | 5 – 25 °C |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures, such as personal protective equipment (PPE)

No additional information available

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|-----------------------------|---------------|
| Physical state | Liquid |
| Colour | Yellow. |
| Odour | Not available |
| Odour threshold | Not available |
| Melting point | Not available |
| Freezing point | Not available |
| Boiling point | 300 °C |
| Flammability (solid, gas) | Not available |
| Explosive limits | Not available |
| Lower explosive limit (LEL) | Not available |

Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

| | |
|---|---------------------------------|
| Upper explosive limit (UEL) | Not available |
| Flash point | 240 °C |
| Auto-ignition temperature | Not available |
| Decomposition temperature | 200 °C |
| pH | Not available |
| pH solution | Not available |
| Viscosity, kinematic (calculated value) (40 °C) | 23.4 mm ² /s (40 °C) |
| Partition coefficient n-octanol/water (Log Kow) | Not available |
| Vapour pressure | Not available |
| Vapour pressure at 50 °C | 1 hPa |
| Density | 0.93 g/cm ³ |
| Relative density | Not available |
| Relative vapour density at 20 °C | Not available |
| Solubility | Not available |
| Particle size | Not applicable |
| Particle size distribution | Not applicable |
| Particle shape | Not applicable |
| Particle aspect ratio | Not applicable |
| Particle specific surface area | Not applicable |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. fume.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|----------------|
| Acute toxicity (oral) | Not classified |
| Acute toxicity (dermal) | Not classified |
| Acute toxicity (inhalation) | Not classified |

Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

| | |
|-----------------------------------|----------------|
| Skin corrosion/irritation | Not classified |
| Serious eye damage/irritation | Not classified |
| Respiratory or skin sensitisation | Not classified |
| Germ cell mutagenicity | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| STOT-single exposure | Not classified |
| STOT-repeated exposure | Not classified |
| Aspiration hazard | Not classified |

| | |
|----------------------|---------------------------------|
| Hilti Spray | |
| Viscosity, kinematic | 23.4 mm ² /s (40 °C) |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|----------------|
| Hazardous to the aquatic environment, short-term (acute) | Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | Not classified |

12.2. Persistence and degradability

| | |
|-------------------------------|-------------------------------------|
| Hilti Spray | |
| Persistence and degradability | No additional information available |

12.3. Bioaccumulative potential

| | |
|---------------------------|-------------------------------------|
| Hilti Spray | |
| Bioaccumulative potential | No additional information available |

12.4. Mobility in soil

| | |
|------------------|-------------------------------------|
| Hilti Spray | |
| Mobility in soil | No additional information available |

12.5. Other adverse effects

| | |
|-----------------------|-------------------------------------|
| Ozone | Not classified |
| Other adverse effects | No additional information available |

SECTION 13: Disposal considerations

13.1. Disposal methods

| | |
|--|--|
| Regional legislation (waste) | Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | Dispose of contents/container to Avoid release to the environment, Refer to manufacturer/supplier for information on recovery/recycling. |
| Ecology - waste materials | Avoid release to the environment. |

SECTION 14: Transport information



Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

In accordance with ADR / IMDG / IATA / RID

| ADR | IMDG | IATA | RID |
|---|---------------|---------------|---------------|
| 14.1. UN number or ID number | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.2. UN proper shipping name | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | |
| Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available | | | |

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

IBC code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

SECTION 16: Other information

SDS Major/Minor None
Issue date 25/01/2022
Revision date 25/01/2022
Supersedes 13/05/2020

| Section | Changed item | Change | Comments |
|---------|-------------------|----------|----------|
| | Other information | Modified | |



Hilti Spray

Safety Data Sheet

according to the United Nations GHS (Rev. 6, 2015)

SDS_UN_Hilti

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.