

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

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



.2.1 Other means of identification

No additional information available

.3.1 Recommended use of the chemical and restrictions on use

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

.4.1 Supplier's details

Department issuing data specification sheet	Supplier
Hilti Entwicklungsgesellschaft mbH	Hilti Emirates L.L.C.
Hiltistraße 6	Dubai Investment Park
86916 Kaufering - Deutschland	P.O. Box 11051
T +49 8191 906876	Dubai - United Arab Emirates
	T +971 800 44584 - F +971 4 885 4405

5.1 Emergency phone number

Schweizerisches Toxikologisches Informationszentrum – 24h Service	Emergency number
+41 44 251 51 51 (international)	
+971 4 8019694	
800-Hilti (44584) (Toll free)	

SECTION 2 :Hazard identification

.1.2 Classification of the substance or mixture

On basis of test data	Classification according to the United Nations GHS
	Flammable liquids Not classified

Full text of H-statements: see section 16

.2.2 GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS
Hazard pictograms (GHS UN)

.3.2 Other hazards which do not result in classification

No additional information available

SECTION 3 :Composition/information on ingredients

.1.3 Substances

Not applicable

.2.3 Mixtures

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

SECTION 4 :First-aid measures

.1.4 Description of necessary first-aid measures

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 general
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 inhalation
Wash contaminated clothing before reuse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention.	First-aid measures after skin 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 eye contact
Rinse mouth. Get medical advice/attention. Do not induce vomiting. Obtain emergency medical attention.	First-aid measures after ingestion

.2.4 Most important symptoms/effects, acute and delayed

No additional information available

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

No additional information available

SECTION 5 :Fire-fighting measures

.1.5 Suitable extinguishing media

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

.2.5 Specific hazards arising from the chemical

Thermal decomposition generates : Carbon dioxide. Carbon monoxide.	Hazardous decomposition products in case of fire
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.3.5 Special protective actions for fire-fighters

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

SECTION 6 :Accidental release measures

.1.6 Personal precautions, protective equipment and emergency procedures

Spilled material may present a slipping hazard.	General measures
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.1.1.6 For non-emergency personnel

Evacuate unnecessary personnel.	Emergency procedures
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.2.1.6 For emergency responders

Use personal protective equipment as required. Equip cleanup crew with proper protection.	Protective equipment
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Ventilate area.

Emergency procedures

.2.6 Environmental precautions

No additional information available

.3.6 Methods and materials for containment and cleaning up

Collect spillage.

For containment

This material and its container must be disposed of in a safe way, and as per local legislation.

Methods for cleaning up

Mechanically recover the product. Store away from other materials.

Dispose of materials or solid residues at an authorized site.

Other information

SECTION 7 :Handling and storage

.1.7 Precautions for safe handling

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.

Hygiene measures

.2.7 Conditions for safe storage, including any incompatibilities

Keep cool. Protect from sunlight.

Storage conditions

Sources of ignition. Direct sunlight. Moisture.

Incompatible materials

5 – 25 °C

Storage temperature

SECTION 8 :Exposure controls/personal protection

.1.8 Control parameters

No additional information available

.2.8 Appropriate engineering controls

No additional information available

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

No additional information available

.4.8 Exposure limit values for the other components

No additional information available

SECTION 9 :Physical and chemical properties

.1.9 Basic physical and chemical properties

Liquid

Physical state

Yellow.

Colour

Not available

Odour

Not available

Odour threshold

Not available

Melting point

Not available

Freezing point

300 °C

Boiling point

Not available

Flammability (solid, gas)

Not available

Explosive limits

Not available

Lower explosive limit (LEL)

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

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

No additional information available

SECTION 10 :Stability and reactivity

.1.10 Reactivity

No additional information available

.2.10 Chemical stability

Stable under normal conditions.

.3.10 Possibility of hazardous reactions

No additional information available

.4.10 Conditions to avoid

No additional information available

.5.10 Incompatible materials

Oxidizing agent. Strong acids. Strong bases.

.6.10 Hazardous decomposition products

Carbon dioxide. Carbon monoxide. fume.

SECTION 11 :Toxicological information

.1.11 Information on toxicological effects

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

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Not classified	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

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

SECTION 12 :Ecological information

.1.12 Toxicity

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

.2.12 Persistence and degradability

Hilti Spray	
No additional information available	Persistence and degradability

.3.12 Bioaccumulative potential

No additional information available

.4.12 Mobility in soil

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No additional information available	Mobility in soil

.5.12 Other adverse effects

Not classified	Ozone
No additional information available	Other adverse effects

SECTION 13 :Disposal considerations

.1.13 Disposal methods

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

SECTION 14 :Transport information

In accordance with ADR / IMDG / IATA / RID

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RID	IATA	IMDG	ADR
.1.14 UN number or ID number			
Not regulated	Not regulated	Not regulated	Not regulated
.2.14 UN proper shipping name			
Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated
.3.14 Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated
.4.14 Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
.5.14 Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

.6.14 Special precautions for user

Overland transport
Not regulated

Transport by sea
Not regulated

Air transport
Not regulated

Rail transport
Not regulated

.7.14 Maritime transport in bulk according to IMO instruments

Not applicable. : IBC code

SECTION 15 :Regulatory information

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

No additional information available

SECTION 16 :Other information

None
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Comments	Change	Changed item	Section
	Modified	Other information	

SDS_UN_Hilti (arabic)

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.