



Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Version 2.0

Revision date: 2025/07/03

Issue date: 2025/07/03

Supersedes: 2022/01/27

SECTION 1 Chemical product and company identification

Product identifier

Product form	Mixture
Name	Hilti Spray
Product code	BU Direct Fastening
Chemical Chinese name	Hilti 喷
Chemical English name	Hilti Spray



Recommended use of the chemical	For professional use only lubricants
---------------------------------	--------------------------------------

Details of the supplier of the safety data sheet

Supplier Hilti (China) Ltd. 8F, Tower 2, No.58 Yao Yuan Rd. Pudong District 200126 Shanghai - China T +86 21 6016 7316	Department issuing data specification sheet Hilti AG Feldkircherstraße 100 9494 Schaan - Liechtenstein T +423 234 2111 product.compliance-direct.fastening@hilti.com
--	---

Emergency telephone number

Emergency number	Emergency CONTACT (24-Hour-Number) GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
------------------	--

Country	Organisation/Company	Address	Emergency number
China	中国境内化学事故应急咨询电话 / chemical accident emergency consultation service hotline (24/7)		+86 532 83889090

according to GB/T 16483 and GB/T 17519

Emergency overview

Yellow. Carbon dioxide. Carbon monoxide. Use personal protective equipment as required. Equip cleanup crew with proper protection. Ventilate area. Evacuate unnecessary personnel. Oxidizing agent. Strong acids. Strong bases. Dust/Mist. The product is non-reactive under normal conditions of use, storage and transport

Other hazards not mentioned above are Not applicable or No data is available.

No data available

No additional information available

Symptoms/effects	No information available
------------------	--------------------------

No additional information available

No additional information available

Product form	Mixture.
--------------	----------

This mixture does not contain any substance to be mentioned according to the criteria of section 3 of GB/T 17519-2013

Description of necessary first-aid measures

First-aid measures general	<p>Take off immediately all contaminated clothing.</p> <p>Never give anything by mouth to an unconscious person.</p> <p>If you feel unwell, seek medical advice (show the label where possible)</p>
First-aid measures after inhalation	<p>Remove person to fresh air and keep comfortable for breathing.</p> <p>Allow the victim to rest</p>
First-aid measures after skin contact	<p>If skin irritation or rash occurs: Get medical advice/attention.</p> <p>Wash contaminated clothing before reuse.</p> <p>Wash skin with plenty of water</p>



Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

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. Do not induce vomiting. Get medical advice/attention. Call a poison center or a doctor if you feel unwell

Most important symptoms/effects

Symptoms/effects	No information available
------------------	--------------------------

Advices for first aid responders

No additional information available

Notes for the doctor

Other medical advice or treatment	No additional information available
-----------------------------------	-------------------------------------

SECTION 5 Fire-fighting measures

Extinguishing media

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

Specific hazards

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

Advice for firefighters and protective measures

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

Personal precautions, protective equipment and emergency procedures

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



Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Personal Precautions,
Protective Equipment and
Emergency Procedures

Evacuate unnecessary personnel

For non-emergency personnel

Emergency procedures

Evacuate unnecessary personnel

For emergency responders

Protective equipment

Do not attempt to take action without suitable
protective equipment

For further information refer to section 8: "Exposure
controls/personal protection"

Emergency procedures

Ventilate area

Environmental precautions

No additional information available

Methods and material for containment and cleaning up

Methods for cleaning

No additional information available

For containment

Collect spillage.

Prevention measures for secondary accidents

Prevention Measures for
Secondary Accidents

No additional information available

Other information

Dispose of materials or solid residues at an
authorized site

SECTION 7 Handling and storage

Handling

Precautions for safe
handling

Ensure good ventilation of the work station
Wear personal protective equipment

Hygiene measures

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

Local and general
ventilation

No additional information available

Storage

Storage conditions

Keep cool. Protect from sunlight.
Store in a well-ventilated place.

Material used in
packaging/containers

No additional information available

Incompatible materials

Sources of ignition. Direct sunlight. Moisture.

Storage temperature

5 - 25 ° C

Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

SECTION 8 Exposure controls / Personal protection equipment

Occupational exposure limits

No additional information available

Biological limit values

No additional information available

Monitoring methods

No additional information available

Appropriate engineering controls

Ensure good ventilation of the work station

Personal protective equipment

Personal protective equipment	Not required for normal conditions of use
Environmental exposure controls	Avoid release to the environment.
Hand protection	In case of repeated or prolonged contact wear gloves Nitrile rubber gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves.	Nitrile rubber (NBR).	6 (> 480 minutes).	0,12		EN ISO 374.

Eye protection	Not required Avoid contact with eyes
Skin and body protection	Wear suitable protective clothing
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9 Physical and chemical properties

Physical state	Liquid
Appearance	No data available
Colour	Yellow
Odour	Mixture contains one or more component(s) which have the following odour:characteristic
pH	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	300 ° C
Flash point	240 ° C
Auto-ignition temperature	No data available
Decomposition temperature	200 ° C.
Flammability	Not applicable
Vapour pressure	No data available
Vapour pressure at 50° C	1 hPa

Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Relative vapour density at 20° C	No data available
Density	0.93 g/cm ³
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	23.4 mm ² /s (40 ° C)
Lower explosion limit	No data available
Upper explosion limit	No data available
Radioactive	No
Particle size	Not available

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions
Reactivity	The product is non-reactive under normal conditions of use, storage and transport
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use
Conditions to avoid	None under recommended storage and handling conditions (see section 7)
Incompatible materials	Oxidizing agent Strong acids Strong bases
Hazardous decomposition products	Carbon dioxide Carbon monoxide fume
Other properties	No additional information available

SECTION 11 Toxicological information

Acute toxicity

Acute toxicity (oral)	No data available (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	No data available (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	No data available (Based on available data, the classification criteria are not met)

Skin corrosion/irritation

Skin corrosion/irritation	No data available (Based on available data, the classification criteria are not met)
---------------------------	--

Serious eye damage/eye irritation

Serious eye damage/irritation	No data available (Based on available data, the classification criteria are not met)
-------------------------------	--



Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Respiratory or skin sensitisation

Respiratory or skin sensitisation	No data available (Based on available data, the classification criteria are not met)
-----------------------------------	--

Germ cell mutagenicity

Germ cell mutagenicity	No data available (Based on available data, the classification criteria are not met)
------------------------	--

Carcinogenicity

Carcinogenicity	No data available (Based on available data, the classification criteria are not met)
-----------------	--

Reproductive toxicity

Reproductive toxicity	No data available (Based on available data, the classification criteria are not met)
-----------------------	--

STOT - single exposure

STOT - single exposure	No data available (Based on available data, the classification criteria are not met)
------------------------	--

STOT - repeated exposure

STOT - repeated exposure	No data available (Based on available data, the classification criteria are not met)
--------------------------	--

Aspiration hazard

Aspiration hazard	No data available (Based on available data, the classification criteria are not met)
-------------------	--

Hilti Spray

Viscosity, kinematic	23.4 mm ² /s (40 °C)
Density	0.93 g/cm ³

SECTION 12 Ecological information

Ecotoxicity

Hazardous to the aquatic environment, short-term (acute)	Not classified (Based on available data, the classification criteria are not met).
Hazardous to the aquatic environment, long-term (chronic)	Not classified (Based on available data, the classification criteria are not met).
No additional information available	

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available



Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Mobility in soil

No additional information available

Other adverse effects

Classification procedure (Ozone)	No data available (Based on available data, the classification criteria are not met)
Other adverse effects	No additional information available

Results of PBT and vPvB assessment

PBT	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
vPvB	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 13 Disposal considerations

Waste treatment methods	No additional information available
Contaminated container and packaging	No additional information available
Additional information	No additional information available
Product/Packaging disposal recommendations	Dispose of contents/container to Avoid release to the environment, Refer to manufacturer/supplier for information on recovery/recycling.
Ecological waste information	Avoid release to the environment.
Regional waste regulation	Disposal must be done according to official regulations

SECTION 14 Transport information

In accordance with JT/T 617 / IMDG / IATA

Overland transport (JT/T 617)	Transport by sea	Air transport
UN number		
Not regulated for transport		
Proper shipping name		
Not regulated	Not regulated	Not regulated
Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
Packing group		
Not regulated	Not regulated	Not regulated
Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

Special transport precautions

Overland transport (JT/T 617)

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15 Regulatory information

Dangerous Goods List (GB 12268) Not listed.

Rules for dangerous goods transport by railway Not listed.

Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used Not listed.

Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals Not listed.

Regulation of the People's Republic of China on the Administration of the Import and Export of Goods Not listed.

Regulation on the Control of Precursor Chemicals Not listed.

Regulation on the Management of Controlled Chemicals Not listed.

New Chemical Substance Environmental Management Registration Measures (MEE Order 12 of 2020)

Inventory of Existing Chemical Substances in China (IECSC) Listed

Regulations on the Safe Management of Hazardous Chemicals (Decree 591 of the State Council)

Catalogue of Hazardous Chemicals (2015) Not listed

Identification of major hazard installations for dangerous chemicals (GB 18218) Not listed

Catalogue of Severely Restricted Toxic Chemicals Not listed

Catalogue of Explosive Precursor Dangerous Chemicals Not listed

Catalogue of Hazardous Chemicals Prohibited from Inland Waterway Transport Not listed

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases

Catalogue for Classification of Hazardous Factors of Occupational Diseases Not listed



Hilti Spray

Safety Data Sheet

according to GB/T 16483 and GB/T 17519

List of Highly Toxic Substances	Not listed
Regulations on Administration of Chemicals Subjected to Supervision and Control Catalogue of Controlled Chemicals	Not listed
Regulation on the Administration of Precursor Chemicals (Decree 445 of the State Council)	
Catalogue of Precursor Chemicals	Not listed
Regulations on Administration of Ozone Depleting Substances (Decree 573 of the State Council)	
List of Ozone-Depleting Substances under Control in China	Not listed
Other domestic regulatory lists	
Dangerous Goods List (GB 12268)	Not listed
List of Export Control of Chemical Agents and Related Equipment and Technologies	Not listed
List of Goods Prohibited from Export or Import	Not listed
Inventory of Hazardous Chemicals under Key Supervision	Not listed

SECTION 16 Other information

Other information	A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis
-------------------	--

Section	Changed item	Change	Comments
3.	Composition/information on ingredients.	Modified.	

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.