

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 08/02/2019 Revision date: 08/02/2019 Supersedes: 24/10/2017 Version: 3.5

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

1.1. Product identifier

Product name Hilti Grease 50 ml
Product code BU ET&A



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

1.2.1. Relevant identified uses

Use of the substance/mixture Special lubricant for insert tool connection end

Function or use category Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Hilti (Gt. Britain) Ltd.
1 Trafford Wharf Road
Trafford Park
M17 1BY Manchester - Great Britain
T +44 161 886 1000
0800 886 100 Toll-free - F +44 161 872 1240

gbsales@hilti.com

Department issuing data specification sheet

Hilti Entwicklungsgesellschaft mbH Hiltistraße 6

86916 Kaufering - Deutschland

T +49 8191 906876 anchor.hse@hilti.com

1.4. Emergency telephone number

Emergency number Schweizerisches Toxikologisches Informationszentrum – 24h Service

+41 44 251 51 51 (international)

+44 161 886 1000 0800 886 100 Toll-free

Country	Organisation/Company	Address	Emergency number
United Kingdom			111
_			or contact a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

08/02/2019 GB - en 1/7



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

2.3. Other hazards

No additional information available

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 criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact Gently wash with plenty of soap and water. First-aid measures after eye contact Rinse eyes with water as a precaution.

First-aid measures after ingestion Do not induce vomiting.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

08/02/2019 GB - en 2/7



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures Ventilate spillage area.

6.1.2. For emergency responders

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

Emergency procedures Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage. Mechanically recover the product.

Other information Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

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

Technical measures Does not require any specific or particular technical measures.

Storage conditions Store in original container.

Storage temperature 5 - 25 °C

7.3. Specific end use(s)

Special lubricant for insert tool connection end.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment Handling and storage of this material do not require special precaution.

Skin and body protection Wear suitable protective clothing

Consumer exposure controls Avoid contact during pregnancy/while nursing.

Other information Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid

08/02/2019 GB - en 3/7



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Appearance Pasty.
Colour amber.
Odour slight.

Odour threshold No data available pH No data available Relative evaporation rate (butylacetate=1) No data available Melting point No data available Freezing point No data available Boiling point > 300 °C

Boiling point $> 300 \, ^{\circ}\text{C}$ Flash point $\approx 250 \, ^{\circ}\text{C}$ Auto-ignition temperature > 300

No data available Decomposition temperature No data available Flammability (solid, gas) < 0.1 mbar Vapour pressure Relative vapour density at 20 °C No data available No data available Relative density 0.92 g/cm³ Density Solubility insoluble in water. Log Pow No data available 130 mm²/s (40 °C) Viscosity, kinematic Viscosity, dynamic No data available Explosive properties No data available No data available Oxidising properties No data available **Explosive limits**

9.2. Other information

VOC content 0 mg/l

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

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

08/02/2019 GB - en 4/7



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

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

Hilti Grease 50 ml

Viscosity, kinematic 130 mm²/s (40 °C)

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity

Chronic aquatic toxicity

Not classified

Not classified

12.2. Persistence and degradability

Hilti Grease 50 ml	
Biodegradation	> 70 % (21 d; OECD method 301)

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.

European List of Waste (LoW) code

12 01 12* - spent waxes and fats
15 01 02 - plastic packaging

08/02/2019 GB - en 5/7



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG / RID

Other information No supplementary information available

ADR Regulatory status: Not regulated IMDG Regulatory status: Not regulated IATA Regulatory status: Not regulated RID Regulatory status: Not regulated

ADR	IMDG	IATA	RID		
14.1. UN 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 has	zard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated		
Not applicable	Not applicable	Not applicable	Not applicable		
14.4. Packing grou	ıp				
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
- Transport by sea

No data available

- Air transport

No data available

- Rail transport

Carriage prohibited (RID)

No

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content 0 mg/l

08/02/2019 GB - en 6/7



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

15.1.2. National regulations

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Modified.

Section	Changed item	Change	Comments		
1.1	Product information	Modified			
13.1	European waste				
	catalogue				

SDS_EU_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

08/02/2019 GB - en 7/7