

# 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 (Fastening Systems) Limited

Unit C4

North City Business Park, Finglas

11 Dublin - Irland T +353 188 64101

1850-287 387 Call Save - F +353 183 03569

iesales@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)

+353 188 64101 1850-287 387 Call Save

Country	Organisation/Company	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)

## **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

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#### 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

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

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## **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

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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/cm<sup>3</sup> Density Solubility insoluble in water. Log Pow No data available 130 mm<sup>2</sup>/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.

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## **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

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## **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 shippi	ng name		
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard	l class(es)		
Not regulated	Not regulated	Not regulated	Not regulated
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental ha	azards		
Not regulated	Not regulated	Not regulated	Not regulated
	No supple	mentary 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

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#### 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

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