

# HIT-HY 270

## Safety information for 2-Component-products

Issue date: 05/02/2025

Revision date: 05/02/2025

Supersedes: 30/08/2024

Version: 3.1

### SECTION 1: Kit identification

#### 1.1 Product identifier

Trade name

HIT-HY 270



Product code

BU Anchor

#### 1.2 Details of the supplier of the Safety information for 2-Component-products

Hilti Far East Private Ltd.  
80 Pasir Panjang Road,  
#16-83/84 Mapletree Business City  
117372 Singapore - Singapur  
T +65 6777 7887 - F +65 6777 3057  
[sg-customerservice@hilti.com](mailto:sg-customerservice@hilti.com)

### SECTION 2: General information

Restrictions on use

For professional use only

Storage

Storage temperature : 5 - 25 °C

A SDS for each of these components is included. Please do not separate any component SDS from this cover page

This Kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used

### SECTION 3: Kit contents

#### Classification of the Product

##### GHS SG classification

Health hazards

Serious eye damage/eye irritation, Category 2

Environmental hazards

Skin sensitisation, Category 1

Hazardous to the aquatic environment – Acute Hazard, Category 1

Hazardous to the aquatic environment – Chronic Hazard, Category 1

#### Label elements

##### GHS SG labelling

Hazard pictograms (GHS SG)



GHS07



GHS09

Signal word (GHS SG)

Warning

Hazardous ingredients

methacrylates, dibenzoyl peroxide, boric acid

Hazard statements (GHS SG)

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H410 - Very toxic to aquatic life with long lasting effects.

# HIT-HY 270

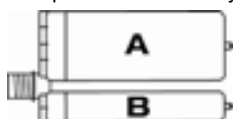
## Safety information for 2-Component-products

### Precautionary statements (GHS SG)

P280 - Wear eye protection, protective clothing, protective gloves.  
P262 - Do not get in eyes, on skin, or on clothing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

### Additional information

2-Component-foilpack, contains:  
Component A: Urethane methacrylate resin, inorganic filler  
Component B: Dibenzoyl peroxide, phlegmatized



Name	General description	Quantity	Unit	GHS SG classification
HIT-HY 270, B		1	pcs (pieces)	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
HIT-HY 270, A		1	pcs (pieces)	Eye Irrit. 2, H319 Skin Sens. 1, H317

## SECTION 4: General advice

### General advice

For professional users only

## SECTION 5: Safe handling advice

### General measures

Spilled material may present a slipping hazard

### Environmental precautions

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

### Storage conditions

Keep cool. Protect from sunlight.

### Precautions for safe handling

Wear personal protective equipment  
Avoid contact with skin and eyes  
Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work  
Provide good ventilation in process area to prevent formation of vapour

### 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.

### For containment

Collect spillage.

### Incompatible materials

Sources of ignition  
Direct sunlight

### Incompatible products

Strong bases  
Strong acids

## SECTION 6: First aid measures

### 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

# HIT-HY 270

## Safety information for 2-Component-products

---

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 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)
Symptoms/effects after eye contact	May cause severe irritation
Symptoms/effects after skin contact	May cause an allergic skin reaction.
Other medical advice or treatment	Treat symptomatically

### SECTION 7: Fire fighting 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
Hazardous decomposition products in case of fire	Thermal decomposition generates : Carbon dioxide Carbon monoxide

### SECTION 8: Other information

No data available

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)  
Issue date: 05.02.2025

Revision date: 05.02.2025

Supersedes: 30.08.2024

Version: 2.4

### SECTION 1: Identification

#### 1.1. Product identifier

Name	HIT-HY 270, B
Product code	BU Anchor

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use	For professional users only
-----------------	-----------------------------

#### 1.4. Supplier's details

##### Supplier

Hilti Far East Private Ltd.  
80 Pasir Panjang Road, #16-83/84 Mapletree Business City Singapore  
Singapur 117372  
T +65 6777 7887 - F +65 6777 3057  
[sg-customerservice@hilti.com](mailto:sg-customerservice@hilti.com)

##### Department issuing data specification sheet

Hilti Entwicklungsgesellschaft mbH  
Hiltistraße 6 Kaufering Deutschland 86916  
T +49 8191 906876  
[product.compliance-anchors@hilti.com](mailto:product.compliance-anchors@hilti.com)

#### 1.5. Emergency phone number

Emergency number	GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
------------------	--

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Health hazards	Skin sensitisation, Category 1
Environmental hazards	Hazardous to the aquatic environment – Acute Hazard, Category 1 Hazardous to the aquatic environment – Chronic Hazard, Category 1

#### 2.2. GHS label elements, including precautionary statements

##### Hazard pictograms (GHS SG)



##### Signal word (GHS SG)

Warning

##### Hazard statements (GHS SG)

H317 : May cause an allergic skin reaction  
H410 : Very toxic to aquatic life with long lasting effects

##### Precautionary statements

###### Prevention

P280 : Wear eye protection, protective clothing, protective gloves.  
P262 : Do not get in eyes, on skin, or on clothing.

###### Response

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 : If eye irritation persists: Get medical advice/attention.  
P302+P352 : IF ON SKIN: Wash with plenty of soap and water.

#### 2.3. Other hazards which do not result in classification

No additional information available

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Concentration (%)	Formula	Product identifier
dibenzoyl peroxide	5 – 10	C14H10O4	CAS-No.: 94-36-0 EC-No.: 202-327-6 EC Index-No.: 617-008-00-0

### 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).
Inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
Skin contact	Wash contaminated clothing before reuse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention.
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.
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 after skin contact	May cause an allergic skin reaction.
-------------------------------------	--------------------------------------

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

Other medical advice or treatment	Treat symptomatically.
-----------------------------------	------------------------

### 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.
----------------------	---------------------------------

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### 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

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

Precautions for safe handling	Wear personal protective equipment. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
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 products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Storage temperature	5 – 25 °C
Heat and ignition sources	Keep away from heat and direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters/Occupational exposure limits

HIT-HY 270, B	
Singapore - Occupational Exposure Limits	
Local name	Benzoyl peroxide
PEL (OEL TWA)	5 mg/m <sup>3</sup>
Regulatory reference	WSH (General Provision) Regulation 2014
dibenzoyl peroxide (94-36-0)	
Singapore - Occupational Exposure Limits	
Local name	Benzoyl peroxide
PEL (OEL TWA)	5 mg/m <sup>3</sup>
Regulatory reference	WSH Regulations 2014

### 8.2. Appropriate engineering control measures

Appropriate engineering controls	Ensure adequate ventilation.
----------------------------------	------------------------------

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### 8.3. Personal protection – individual protection measures, such as personal protective equipment (PPE)

Hand protection

Wear protective gloves. The permeation time is not the maximum wearing time! Generally speaking, it must be reduced. Contact with either mixtures of substances or different substances may shorten the protective function's effective duration. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

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

Eye protection

Wear security glasses which protect from splashes

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	clear	EN 166, EN 170

Skin and body protection

Wear suitable protective clothing

Personal protective equipment symbol(s)



Environmental exposure controls

Avoid release to the environment.

Consumer exposure controls

Avoid contact during pregnancy/while nursing.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Thixotropic paste.
Colour	white
Odour	characteristic
Odour threshold	Not determined
pH	≈ 6
Relative evaporation rate (butylacetate=1)	No data available
Evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	Not self-igniting
Decomposition temperature	No data available
Flammability	Flammable
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	1.7 g/cm³ DIN 51757
Solubility	Water: Not miscible
Partition coefficient n-octanol/water (Log Pow)	No data available
Partition coefficient n-octanol/water (Log Kow)	No data available
Viscosity, kinematic	52941.176 mm²/s
Viscosity, dynamic	90 Pa·s HN-0333
Explosive properties	Product is not explosive.
Oxidising properties	No data available
Explosive limits	No data available
Particle size	No data available
Particle size distribution	No data available
Particle shape	No data available

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

Particle aspect ratio	No data available
Particle specific surface area	No data available

### 9.2. Other information

SADT	65 °C
------	-------

## 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

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Acute toxicity

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
	pH: ≈ 6
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	May cause an allergic skin reaction.
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

HIT-HY 270, B	
Viscosity, kinematic	52941.176 mm²/s
Density	1.7 g/cm³ DIN 51757
Potential adverse human health effects and symptoms	No additional information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	Very toxic to aquatic life with long lasting effects.



# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

Other information

Avoid release to the environment.

dibenzoyl peroxide (94-36-0)	
LC50 - Fish [2]	0.0602 mg/l (96h; Oncorhynchus mykiss; ECHA)
EC50 - Crustacea [1]	0.11 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	0.0711 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
NOEC (acute)	0.0316 mg/l (96h; Oncorhynchus mykiss; ECHA)
NOEC chronic fish	0.001 mg/l
Partition coefficient n-octanol/water (Log Pow)	3.71
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)

### 12.2. Persistence and degradability

HIT-HY 270, B	
Persistence and degradability	Not established.
dibenzoyl peroxide (94-36-0)	
Persistence and degradability	Readily biodegradable in water. Not established. May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

HIT-HY 270, B	
Bioaccumulative potential	Not established.
dibenzoyl peroxide (94-36-0)	
Partition coefficient n-octanol/water (Log Pow)	3.71
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Bioaccumulative potential	Low bioaccumulation potential (Log Kow < 4).

### 12.4. Mobility in soil

HIT-HY 270, B	
Mobility in soil	No additional information available
dibenzoyl peroxide (94-36-0)	
Surface tension	No data available (test not performed)
Partition coefficient n-octanol/water (Log Pow)	3.71
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.

### 12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### SECTION 13: Disposal considerations

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	After curing, the product can be disposed of with household waste. . Full or only partially emptied cartridges must be disposed of as special waste in accordance with official regulations. Packaging contaminated by the product : Dispose in a safe manner in accordance with local/national regulations.
Additional information	Clean up even minor leaks or spills if possible without unnecessary risk.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
UN 3077	UN 3077	UN 3077	UN 3077
<b>14.2. UN proper shipping name</b>			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)	Environmentally hazardous substance, solid, n.o.s. (dibenzoyl peroxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide)
<b>Transport document description</b>			
UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide), 9, III, (-)	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide), 9, III, MARINE POLLUTANT	UN 3077 Environmentally hazardous substance, solid, n.o.s. (dibenzoyl peroxide), 9, III	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide), 9, III
<b>14.3. Transport hazard class(es)</b>			
9	9	9	9
<b>14.4. Packing group</b>			
III	III	III	III
<b>14.5. Environmental hazards</b>			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
not restricted according ADR Special Provision SP375, IATA-DGR Special Provision A197 and IMDG-Code 2.10.2.7			

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	M7
Special provisions (ADR)	274, 335, 375, 601
Limited quantities (ADR)	5kg
Packing instructions (ADR)	P002, IBC08, LP02, R001
Mixed packing provisions (ADR)	MP10

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

Transport category (ADR)  
Orange plates

3



Tunnel restriction code (ADR)

-

### Transport by sea

Special provisions (IMDG)	274, 335, 966, 967, 969
Limited quantities (IMDG)	5 kg
Packing instructions (IMDG)	LP02, P002
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-F
Stowage category (IMDG)	A
Stowage and handling (IMDG)	SW23

### Air transport

PCA packing instructions (IATA)	956
PCA max net quantity (IATA)	400kg
CAO packing instructions (IATA)	956
Special provisions (IATA)	A97, A158, A179, A197, A215

### Rail transport

Special provisions (RID)	274, 335, 375, 601
Limited quantities (RID)	5kg
Packing instructions (RID)	P002, IBC08, LP02, R001

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

Regulation		Component / Mixture
Environmental Protection and Management Act (Hazardous Substances)	Not applicable	
Fire Safety Act/Fire Safety (Petroleum and Flammable Materials) Regulations		
Maritime and Port Authority of Singapore (Dangerous, Petroleum and Explosives) Regulations	Maritime and Port Authority-Dangerous Goods	Organic peroxide type B, solid
Poisons Act	Not applicable	
Hazardous waste (Control of export, import and transit) Act		
Strategic goods (Control) Act		

### 15.2. International regulations

No additional information available

### 15.3 Chemical inventory status

No additional information available

## SECTION 16: Other information

# HIT-HY 270, B

## Safety Data Sheet

According to SS 586 Part 3 (2022)

Issue date	05/02/2025
Revision date	05/02/2025
Abbreviations and acronyms	<p>ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>ATE - Acute Toxicity Estimate</p> <p>BCF - Bioconcentration factor</p> <p>CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008</p> <p>DMEL - Derived Minimal Effect level</p> <p>DNEL - Derived-No Effect Level</p> <p>EC50 - Median effective concentration</p> <p>IARC - International Agency for Research on Cancer</p> <p>IATA - International Air Transport Association</p> <p>IMDG - International Maritime Dangerous Goods</p> <p>LC50 - Median lethal concentration</p> <p>LD50 - Median lethal dose</p> <p>LOAEL - Lowest Observed Adverse Effect Level</p> <p>NOAEC - No-Observed Adverse Effect Concentration</p> <p>NOAEL - No-Observed Adverse Effect Level</p> <p>NOEC - No-Observed Effect Concentration</p> <p>OECD - Organisation for Economic Co-operation and Development</p> <p>PBT - Persistent Bioaccumulative Toxic</p> <p>PNEC - Predicted No-Effect Concentration</p> <p>REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006</p> <p>RID - Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>SDS - Safety Data Sheet</p> <p>vPvB - Very Persistent and Very Bioaccumulative</p>
Other information	None.

Indication of changes			
Section	Changed item	Change	Comments
	Regulations Singapore	Modified	According to SS 586 Part 3 (2022)

SDS\_SG\_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.

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)  
Issue date: 05.02.2025

Revision date: 05.02.2025

Supersedes: 30.08.2024

Version: 3.1

### SECTION 1: Identification

#### 1.1. Product identifier

Name HIT-HY 270, A  
Product code BU Anchor

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use For professional users only

#### 1.4. Supplier's details

##### Supplier

Hilti Far East Private Ltd.  
80 Pasir Panjang Road, #16-83/84 Mapletree Business City Singapore  
Singapur 117372  
T +65 6777 7887 - F +65 6777 3057  
[sg-customerservice@hilti.com](mailto:sg-customerservice@hilti.com)

##### Department issuing data specification sheet

Hilti Entwicklungsgesellschaft mbH  
Hiltistraße 6 Kaufering Deutschland 86916  
T +49 8191 906876  
[product.compliance-anchors@hilti.com](mailto:product.compliance-anchors@hilti.com)

#### 1.5. Emergency phone number

Emergency number GBK GmbH Global Regulatory Compliance  
+49 (0)6132-84463

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Health hazards Serious eye damage/eye irritation, Category 2  
Skin sensitisation, Category 1

#### 2.2. GHS label elements, including precautionary statements

##### Hazard pictograms (GHS SG)



##### Signal word (GHS SG)

Warning

##### Hazard statements (GHS SG)

H317 : May cause an allergic skin reaction  
H319 : Causes serious eye irritation

##### Precautionary statements

##### Prevention

P280 : Wear eye protection, protective clothing, protective gloves.  
P262 : Do not get in eyes, on skin, or on clothing.

##### Response

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 : If eye irritation persists: Get medical advice/attention.  
P302+P352 : IF ON SKIN: Wash with plenty of soap and water.

#### 2.3. Other hazards which do not result in classification

No additional information available

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Concentration (%)	Formula	Product identifier
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol	10 – 25	C7H12O3	CAS-No.: 27813-02-1 EC-No.: 248-666-3 EC Index-No.: 607-125-00-5
Tricyclodecane dimethanol dimethacrylate	2.5 - 5	C20H28O4	CAS-No.: 43048-08-4 EC-No.: 256-062-6
1,1,1-Trimethylolpropane trimethacrylate	2.5 - 5	C18H26O6	CAS-No.: 3290-92-4 EC-No.: 221-950-4
1,1'-(p-tolylimino)dipropan-2-ol	0.1 - 1	C13H21NO2	CAS-No.: 38668-48-3 EC-No.: 254-075-1
boric acid	0.1 - <0.3	BH3O3	CAS-No.: 10043-35-3 EC-No.: 233-139-2 EC Index-No.: 005-007-00-2
4-tert-butylpyrocatechol	0.1 - 1	C10H14O2	CAS-No.: 98-29-3 EC-No.: 202-653-9

### 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).
Inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
Skin contact	Wash contaminated clothing before reuse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention.
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.
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 after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	May cause severe irritation.

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

Other medical advice or treatment	Treat symptomatically.
-----------------------------------	------------------------

### 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.
--	--

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### 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.
<b>6.1.1. For non-emergency personnel</b>	
Emergency procedures	Evacuate unnecessary personnel.
<b>6.1.2. For emergency responders</b>	
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

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

Precautions for safe handling	Wear personal protective equipment. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
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 products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Storage temperature	5 – 25 °C
Heat and ignition sources	Keep away from heat and direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters/Occupational exposure limits

No additional information available

### 8.2. Appropriate engineering control measures

Appropriate engineering controls	Ensure adequate ventilation.
----------------------------------	------------------------------

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

### 8.3. Personal protection – individual protection measures, such as personal protective equipment (PPE)

Hand protection

Wear protective gloves. The permeation time is not the maximum wearing time! Generally speaking, it must be reduced. Contact with either mixtures of substances or different substances may shorten the protective function's effective duration. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

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

Eye protection

Wear security glasses which protect from splashes

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	clear	EN 166, EN 170

Skin and body protection

Wear suitable protective clothing

Personal protective equipment symbol(s)



Environmental exposure controls

Avoid release to the environment.

Consumer exposure controls

Avoid contact during pregnancy/while nursing.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Thixotropic paste.
Colour	light brown
Odour	characteristic
Odour threshold	Not determined
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 100 °C DIN EN ISO 1523
Auto-ignition temperature	Not self-igniting
Decomposition temperature	No data available
Flammability	Flammable
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	1.66 g/cm³ DIN 51757
Solubility	Water: Not miscible
Partition coefficient n-octanol/water (Log Pow)	No data available
Partition coefficient n-octanol/water (Log Kow)	No data available
Viscosity, kinematic	48192.771 mm²/s
Viscosity, dynamic	80 Pa·s HN-0333
Explosive properties	Product is not explosive.
Oxidising properties	No data available
Explosive limits	No data available
Particle size	No data available
Particle size distribution	No data available
Particle shape	No data available



# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

Particle aspect ratio No data available  
Particle specific surface area No data available

### 9.2. Other information

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

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Acute toxicity

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

HIT-HY 270, A	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Vapours)	> 20 mg/l/4h
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)	
LD50 oral rat	> 5000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; >=2000 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	≥ 5000 mg/kg bodyweight (Rabbit; Experimental value)
1,1,1-Trimethylolpropane trimethacrylate (3290-92-4)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 3000 mg/kg
1,1'-(p-tolylimino)dipropen-2-ol (38668-48-3)	
LD50 oral rat	25 mg/kg
LD50 dermal rat	> 2000 mg/kg
boric acid (10043-35-3)	
LD50 oral rat	2660 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; >2600 mg/kg bodyweight; Rat; Experimental value)
LD50 oral	2660 mg/kg

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

boric acid (10043-35-3)	
LD50 dermal rabbit	> 2000 mg/kg Rabbit; Experimental value; FIFRA (40 CFR)
LD50 dermal	2500 mg/kg
4-tert-butylpyrocatechol (98-29-3)	
LD50 oral rat	815 mg/kg bodyweight (Rat; Lethal; ECHA)
LD50 oral	2820 mg/kg
LD50 dermal rat	1331 mg/kg bodyweight (Rat; Lethal; ECHA)
LD50 dermal	630 mg/kg
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
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
HIT-HY 270, A	
Viscosity, kinematic	48192.771 mm²/s
Density	1.66 g/cm³ DIN 51757
Potential adverse human health effects and symptoms	No additional information available.

## 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.
Other information	Avoid release to the environment.

2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)	
LC50 - Fish [1]	493 mg/l (48 h; Leuciscus idus; GLP)
EC50 - Crustacea [1]	> 143 mg/l (48 h; Daphnia magna; GLP)
ErC50 algae	97.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
BCF - Fish [1]	≤ 100
BCF - Fish [2]	3.2 Quantitative structure-activity relationship (QSAR)
Partition coefficient n-octanol/water (Log Pow)	0.97 (OECD 102 method)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 (log Koc, Calculated value)
Threshold limit - Algae [1]	> 97.2 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)
Threshold limit - Algae [2]	> 97.2 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)
Tricyclodecane dimethanol dimethacrylate (43048-08-4)	

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

1,1,1-Trimethylolpropane trimethacrylate (3290-92-4)	
LC50 - Fish [1]	2 mg/l
ErC50 algae	3.88 mg/l
NOEC chronic fish	0.138 mg/l
NOEC chronic crustacea	0.177 mg/l
BCF - Fish [2]	366 l/kg
Partition coefficient n-octanol/water (Log Kow)	4.39
Partition coefficient n-octanol/water (Log Pow)	3.53

1,1'-(p-tolylimino)dipropen-2-ol (38668-48-3)	
LC50 - Fish [1]	≈ 17 mg/l
LC50 - Other aquatic organisms [1]	245 mg/l
EC50 - Crustacea [1]	28.8 mg/l
NOEC (acute)	57.8 mg/l
Partition coefficient n-octanol/water (Log Kow)	2.1

boric acid (10043-35-3)	
LC50 - Fish [1]	447 mg/l
LC50 - Fish [2]	79 ppm (96 h; Salmo gairdneri (Oncorhynchus mykiss); Hard water)
EC50 - Crustacea [1]	658 – 875 mg/l (48 h; Daphnia magna)
EC50 - Crustacea [2]	19.7 mg/l (336 h; Daphnia magna)
ErC50 algae	290 mg/l
NOEC chronic fish	2.1 mg/l
BCF - Fish [2]	< 0.1 (60 days; Oncorhynchus tshawytscha; Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-1.09 (Experimental value; EU Method A.8: Partition Coefficient; 22 °C)

4-tert-butylpyrocatechol (98-29-3)	
LC50 - Fish [1]	0.12 mg/l (96 h, Danio rerio, Lethal, ECHA)
ErC50 algae	10.17 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
Partition coefficient n-octanol/water (Log Pow)	1.98 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.37 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

### 12.2. Persistence and degradability

HIT-HY 270, A	
Persistence and degradability	Not established.
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

<b>1,1,1-Trimethylolpropane trimethacrylate (3290-92-4)</b>	
Not rapidly degradable	
<b>4-tert-butylpyrocatechol (98-29-3)</b>	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in water.
ThOD	2.4 g O <sub>2</sub> /g substance
<b>12.3. Bioaccumulative potential</b>	
<b>HIT-HY 270, A</b>	
Bioaccumulative potential	Not established.
<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
BCF - Fish [1]	≤ 100
BCF - Fish [2]	3.2 Quantitative structure-activity relationship (QSAR)
Partition coefficient n-octanol/water (Log Pow)	0.97 (OECD 102 method)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 (log Koc, Calculated value)
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500).
<b>1,1,1-Trimethylolpropane trimethacrylate (3290-92-4)</b>	
BCF - Fish [2]	366 l/kg
Partition coefficient n-octanol/water (Log Pow)	3.53
Partition coefficient n-octanol/water (Log Kow)	4.39
<b>1,1'-(p-tolylimino)dipropen-2-ol (38668-48-3)</b>	
Partition coefficient n-octanol/water (Log Kow)	2.1
<b>boric acid (10043-35-3)</b>	
BCF - Fish [2]	< 0.1 (60 days; Oncorhynchus tshawytscha; Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-1.09 (Experimental value; EU Method A.8: Partition Coefficient; 22 °C)
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500).
<b>4-tert-butylpyrocatechol (98-29-3)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.98 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.37 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>12.4. Mobility in soil</b>	
<b>HIT-HY 270, A</b>	
Mobility in soil	No additional information available
<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.97 (OECD 102 method)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

1,1,1-Trimethylolpropane trimethacrylate (3290-92-4)	
Partition coefficient n-octanol/water (Log Pow)	3.53
Partition coefficient n-octanol/water (Log Kow)	4.39
1,1'-(p-tolylimino)dipropen-2-ol (38668-48-3)	
Partition coefficient n-octanol/water (Log Kow)	2.1
boric acid (10043-35-3)	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Pow)	-1.09 (Experimental value; EU Method A.8: Partition Coefficient; 22 °C)
Ecology - soil	No (test)data on mobility of the substance available. May be harmful to plant growth, blooming and fruit formation.
4-tert-butylpyrocatechol (98-29-3)	
Surface tension	No data available (test not performed)
Partition coefficient n-octanol/water (Log Pow)	1.98 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.37 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

### 12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

## SECTION 13: Disposal considerations

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	After curing, the product can be disposed of with household waste. . Full or only partially emptied cartridges must be disposed of as special waste in accordance with official regulations. Packaging contaminated by the product : Dispose in a safe manner in accordance with local/national regulations.
Additional information	Clean up even minor leaks or spills if possible without unnecessary risk.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
14.1. UN number or ID number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

ADR	IMDG	IATA	RID
<b>14.5. Environmental hazards</b>			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

Regulation	Component / Mixture	
Environmental Protection and Management Act (Hazardous Substances)	List of Hazardous Substances	Boric acid
Fire Safety Act/Fire Safety (Petroleum and Flammable Materials) Regulations	Not applicable	
Maritime and Port Authority of Singapore (Dangerous, Petroleum and Explosives) Regulations		
Poisons Act	Poisons List	Boric acid
Hazardous waste (Control of export, import and transit) Act	Not applicable	
Strategic goods (Control) Act		

### 15.2. International regulations

No additional information available

### 15.3 Chemical inventory status

No additional information available

## SECTION 16: Other information

Issue date	05/02/2025
Revision date	05/02/2025
Abbreviations and acronyms	ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road ATE - Acute Toxicity Estimate

# HIT-HY 270, A

## Safety Data Sheet

According to SS 586 Part 3 (2022)

BCF - Bioconcentration factor  
 CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
 DMEL - Derived Minimal Effect level  
 DNEL - Derived-No Effect Level  
 EC50 - Median effective concentration  
 IARC - International Agency for Research on Cancer  
 IATA - International Air Transport Association  
 IMDG - International Maritime Dangerous Goods  
 LC50 - Median lethal concentration  
 LD50 - Median lethal dose  
 LOAEL - Lowest Observed Adverse Effect Level  
 NOAEC - No-Observed Adverse Effect Concentration  
 NOAEL - No-Observed Adverse Effect Level  
 NOEC - No-Observed Effect Concentration  
 OECD - Organisation for Economic Co-operation and Development  
 PBT - Persistent Bioaccumulative Toxic  
 PNEC - Predicted No-Effect Concentration  
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
 SDS - Safety Data Sheet  
 vPvB - Very Persistent and Very Bioaccumulative

Other information  
 None.

Indication of changes			
Section	Changed item	Change	Comments
	Regulations Singapore	Modified	According to SS 586 Part 3 (2022)

SDS\_SG\_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.