












## Substance Risk Assessment










IMS-7-T02  
Rev:01  
Date: 29/07/2022

Product Name:	HIT-HY 200-R V3	SDS Issue Date:	25/10/2022					
Note – Obtain current SDS (<5yrs from date of issue) before completing this risk assessment								
Manufacture:	Hilti (Aust.) Pty. Ltd.	Telephone	+61 131 292					
Hazardous Substance:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Check for a pictogram in section 2 of the safety data sheet).							
C'pressed Gas	Corrosive	Enviro Hazard	Explosive	Flammable	Harmful Irritant	Health Hazard	Oxidising	Toxic
								
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uses / application:	Mortar for rebar connections							
Form of substance:	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Fine dust <input type="checkbox"/> Coarse dust <input checked="" type="checkbox"/> Paste <input type="checkbox"/> Other specify: N/A							
Can a non / less hazardous product be used for this activity?								
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If 'yes' give reasons for not using: N/A								
How much of the product will the users be exposed to during the task? (e.g., litres, millilitres etc)								
500ml in a single application / tube								
How long will the users be exposed to the product? (e.g., hours per day, days per week, etc):								
2 hours per day								
Isolation:	<input checked="" type="checkbox"/> Containers stored away from the work area when not in use. <input checked="" type="checkbox"/> Containers stored in well ventilated area / suitable containers and away from incompatible materials. <input checked="" type="checkbox"/> Containers kept closed when not in use. <input checked="" type="checkbox"/> No ignition sources / no smoking.							
Ventilation:	<input checked="" type="checkbox"/> Ensure natural ventilation. <input type="checkbox"/> Use of mechanical ventilation. <input type="checkbox"/> Local exhaust ventilation (LEV) extraction devices.							
Other Controls	<input checked="" type="checkbox"/> Training in safe storage and application. <input checked="" type="checkbox"/> Job rotation to reduce exposure. <input checked="" type="checkbox"/> Avoid contact with skin and eyes. <input type="checkbox"/> Use of barrier creams. <input checked="" type="checkbox"/> Good personal hygiene – wash hands before eating, drinking, smoking, toilet.							
First Aid Measures: (Check section 4 of the safety data sheet).								
Wash Eyes	Wash Skin	Induce Vomit	Rinse Mouth Only	Remove to Air				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Seek medical assistance if condition persists / Immediate medical attention is required for ingestion.								
Fire and remedial: (Check section 5 of the safety data sheet).								
<input checked="" type="checkbox"/> Water <input type="checkbox"/> Carbon Dioxide (CO2) <input checked="" type="checkbox"/> Dry Chemical Powder (ABE/BE) <input type="checkbox"/> Foam <input type="checkbox"/> Wet Chemical <input type="checkbox"/> Fire Blanket <input type="checkbox"/> N/A Comments: Use water spray or fog for cooling exposed containers.								
Exposure route of chemical: (Check section 8 of the safety data sheet).								
<input type="checkbox"/> Inhalation <input type="checkbox"/> Skin (absorption) <input type="checkbox"/> Eye <input type="checkbox"/> Ingestion <input type="checkbox"/> Injection <input type="checkbox"/> Other – Specify: N/A								



## Substance Risk Assessment

IMS-7-T02  
Rev:01  
Date: 29/07/2022

Is air monitoring required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is health monitoring required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Note: Section 8 Exposure Controls No Additional Information.			
<b>Health surveillance <u>is</u> required for substances containing one or more of the following ingredients:</b>			
4,4' Methylenebis (MOCA)	Acrylonitrile	Asbestos	Benzene
Cadmium	Creosote	Crystalline silica >1%	Inorganic arsenic
Inorganic chromium	Isocyanates	Organophosphate pesticides	Pentachlorophenol (PCP)
Polycyclic aromatic hydrocarbons	Thallium	Vinyl chloride	
Can this chemical be used in accordance with the controls nominated in the SDS?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If no, please explain why? (Ensure controls listed manage each of the exposure routes ticked above if required).			
N/A			
Is any Personal Protective Equipment (PPE) required when using the chemical?		Yes	
	<input checked="" type="checkbox"/> Eye Protection		<input type="checkbox"/> Mask / Respirator (Sundstrom SR100 Half Face)
	<input type="checkbox"/> Eye and Face Protection		<input checked="" type="checkbox"/> Gloves
	<input checked="" type="checkbox"/> High Visibility Clothing		<input checked="" type="checkbox"/> Safety Protective Footwear
	<input checked="" type="checkbox"/> Overalls / Clothing		<input type="checkbox"/> Other Specify: N/A
Level of Risk:			
<input checked="" type="checkbox"/> Risk is insignificant and is not likely to increase in future.			
<input type="checkbox"/> Risks are significant but effectively controlled (but could increase in the future).			
<input type="checkbox"/> Risks are significant and not effectively controlled.			
<input type="checkbox"/> Uncertain about the risks.			
Person / s conducting risk assessment: Jay Gaddes			
Assessment approved by:	Jay Gaddes, Construction Supervisor		
Signature:		Date:	08/08/2023
Next assessment due:	25/10/2027		

# HIT-HY 200-R V3

## Safety information for 2-Component-products

Issue date: 25/10/2022

Revision date: 25/10/2022

Supersedes: 13/01/2021

Version: 1.1

### SECTION 1: Kit identification

#### 1.1 Product identifier

Product name

HIT-HY 200-R V3



Product code

BU Anchor

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

Hilti (Aust.) Pty. Ltd.  
Level 5, 1G Homebush Bay Drive  
P.O. Box 3217  
2138 Rhodes NSW - Australia  
T +61 131 292 - F +61 1300 135 042  
[serviceaustralia@hilti.com](mailto:serviceaustralia@hilti.com)

### SECTION 2: General information

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:

#### Classification of the Product

##### 2.1. Classification of the hazardous chemical

#### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Serious eye damage/eye irritation, Category 2A H319

Skin sensitisation, Category 1 H317

##### 2.2. Label elements

Hazard pictograms (GHS AU)



GHS07

Signal word (GHS AU)

Warning

Contains

methacrylates, dibenzoyl peroxide

Hazard statements (GHS AU)

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

Precautionary statements (GHS AU)

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.

# HIT-HY 200-R V3

## Safety information for 2-Component-products

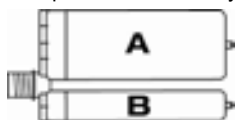
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

### 2.3. Other hazards not contributing to the classification

No additional information available

### Additional information

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



Name	General description	Quantity	Unit	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
HIT-HY 200-R V3, B		1	pcs (pieces)	Eye Irrit. 2A, H319 Skin Sens. 1, H317
HIT-HY 200-R V3, A		1	pcs (pieces)	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
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air

# HIT-HY 200-R V3

## Safety information for 2-Component-products

---

First-aid measures after skin contact	Allow the victim to rest Wash contaminated clothing before reuse. Wash with plenty of water/...
First-aid measures general	If skin irritation or rash occurs: Get medical advice/attention. 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.

### 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 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: 25/10/2022

Revision date: 25/10/2022

Supersedes: 13/01/2021

Version: 1.1

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form	Mixture
Product name	HIT-HY 200-R V3, 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	Composite mortar component for fasteners in the construction industry
Restrictions on use	For professional use only

#### 1.4. Details of manufacturer or importer

##### Supplier

Hilti (Aust.) Pty. Ltd.  
Level 5, 1G Homebush Bay Drive  
P.O. Box 3217  
Rhodes NSW 2138  
Australia  
T +61 131 292 - F +61 1300 135 042  
[serviceaustralia@hilti.com](mailto:serviceaustralia@hilti.com)

##### Department issuing data specification sheet:

Hilti Entwicklungsgesellschaft mbH  
Hiltistraße 6  
Kaufering 86916  
Deutschland  
T +49 8191 906876  
[anchor.hse@hilti.com](mailto:anchor.hse@hilti.com)

#### 1.5. Emergency phone number

Emergency number	Schweizerisches Toxikologisches Informationszentrum – 24h Service +41 44 251 51 51 (international) +61 2 8748 1000
------------------	--

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin sensitisation, Category 1	H317
--------------------------------	------

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

Hazard pictograms (GHS AU)

Exclamation  
mark

Signal word (GHS AU)

Contains

Warning

2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (10 – 25 %); 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (5 – 10 %); 1,1'-(p-tolylimino)dipropyl-2-ol (0.1 – 1 %); 2,2'-(m-tolylimino)diethanol (0.1 – 1 %)

Hazard statements (GHS AU)

Precautionary statements (GHS AU)

H317 - May cause an allergic skin reaction

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.

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester	2082-81-7	10 – 25	Skin Sens. 1B, H317
2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol	27813-02-1	5 – 10	Eye Irrit. 2A, H319 Skin Sens. 1, H317
1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	0.1 – 1	Acute Tox. 2 (Oral), H300 Eye Irrit. 2A, H319
2,2'-(m-tolylimino)diethanol	91-99-6	0.1 – 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373

## 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).
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.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	May cause severe irritation.

### 4.3. Medical attention and special treatment

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. 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

General measures	Spilled material may present a slipping hazard.
Hazardous decomposition products in case of fire	Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

### 5.3. Special protective equipment and precautions 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.

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 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 materials 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.

### 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 and personal protection

#### 8.1. Control parameters - exposure standards

Additional information	The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.
------------------------	--

#### 8.2. Biological Monitoring

No additional information available

#### 8.3. Engineering controls

Appropriate engineering controls	Ensure good ventilation of the work station.
----------------------------------	--

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

Personal protective equipment	Safety glasses. Gloves. Protective clothing. Avoid all unnecessary exposure.
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.

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



# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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

### Personal protective equipment symbol(s)



Environmental exposure controls

Consumer exposure controls

Other information

Not applicable.

Avoid contact during pregnancy/while nursing.

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

Physical state	Solid
Appearance	Thixotropic paste.
Colour	Black
Odour	characteristic
Odour threshold	Not determined
pH	No data available
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	No data available
Flash point	> 109 °C DIN EN ISO 1523
Auto-ignition temperature	Not self-igniting
Flammability	No data available
Vapour pressure	No data available
Relative density	No data available
Density	Density: 1.8 g/ml AW 4.3.23
Solubility	Water: Not miscible
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	27777.778 mm²/s
Viscosity, dynamic	50 Pa·s HN-0333
Explosive properties	Product is not explosive.
Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

## SECTION 10: Stability and reactivity

Reactivity	No additional information available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No additional information available.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases.
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

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

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

<b>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</b>	
LD50 oral rat	10066 mg/kg
LD50 dermal rat	> 3000 mg/kg
<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
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)
<b>1,1'-(p-tolylimino)dipropan-2-ol (38668-48-3)</b>	
LD50 oral rat	25 mg/kg
LD50 dermal rat	> 2000 mg/kg
<b>2,2'-(m-tolylimino)diethanol (91-99-6)</b>	
LD50 oral rat	300 – 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
Skin corrosion/irritation	Not classified
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
<b>2,2'-(m-tolylimino)diethanol (91-99-6)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not classified
<b>HIT-HY 200-R V3, A</b>	
Viscosity, kinematic	27777.778 mm²/s
Potential adverse human health effects and symptoms	No additional information available

## SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

### 12.1. Ecotoxicity

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.

<b>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</b>	
LC50 - Other aquatic organisms [1]	9.79 mg/l
NOEC (acute)	7.51 mg/l
NOEC (chronic)	20 mg/l
Partition coefficient n-octanol/water (Log Pow)	3.1
<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
LC50 - Fish [1]	493 mg/l (48 h; Leuciscus idus; GLP)

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
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)
<b>1,1'-(p-tolylimino)dipropan-2-ol (38668-48-3)</b>	
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
<b>2,2'-(m-tolylimino)diethanol (91-99-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.9
<b>12.2. Persistence and degradability</b>	
<b>HIT-HY 200-R V3, A</b>	
Persistence and degradability	Not established.
<b>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</b>	
Not rapidly degradable	
Biodegradation	84 %
<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
<b>12.3. Bioaccumulative potential</b>	
<b>HIT-HY 200-R V3, A</b>	
Bioaccumulative potential	Not established.
<b>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.1
<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'-(p-tolylimino)dipropan-2-ol (38668-48-3)</b>	
Partition coefficient n-octanol/water (Log Kow)	2.1

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

<b>2,2'-(m-tolylimino)diethanol (91-99-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.9
<b>12.4. Mobility in soil</b>	
<b>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.1
<b>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</b>	
Ecology - soil	Highly mobile in soil.
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)
<b>1,1'-(p-tolylimino)dipropan-2-ol (38668-48-3)</b>	
Partition coefficient n-octanol/water (Log Kow)	2.1
<b>2,2'-(m-tolylimino)diethanol (91-99-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.9

### 12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

## SECTION 13: Disposal considerations

Regional legislation (waste)	Disposal must be done according to official regulations.
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.
Ecology - waste materials	Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Rail transport

Not regulated

### 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

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS) All the chemicals contained in this product are listed introductions  
Inventory) status

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Legislation	Modified	

# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 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  
 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  
 25/10/2022  
 None.

Revision date

Other information

### Classification

Skin Sens. 1	H317
--------------	------

### Full text of H-statements

Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H300	Fatal if swallowed
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure



# HIT-HY 200-R V3, A

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

---

SDS\_AU\_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 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Issue date: 25/10/2022

Revision date: 25/10/2022

Supersedes: 13/01/2021

Version: 1.1

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form	Mixture
Product name	HIT-HY 200-R V3, 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	Composite mortar component for fasteners in the construction industry
Restrictions on use	For professional use only

#### 1.4. Details of manufacturer or importer

##### Supplier

Hilti (Aust.) Pty. Ltd.  
Level 5, 1G Homebush Bay Drive  
P.O. Box 3217  
Rhodes NSW 2138  
Australia  
T +61 131 292 - F +61 1300 135 042  
[serviceaustralia@hilti.com](mailto:serviceaustralia@hilti.com)

##### Department issuing data specification sheet:

Hilti Entwicklungsgesellschaft mbH  
Hiltistraße 6  
Kaufering 86916  
Deutschland  
T +49 8191 906876  
[anchor.hse@hilti.com](mailto:anchor.hse@hilti.com)

#### 1.5. Emergency phone number

Emergency number	Schweizerisches Toxikologisches Informationszentrum – 24h Service +41 44 251 51 51 (international) +61 2 8748 1000
------------------	--

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317

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

Hazard pictograms (GHS AU)

Exclamation  
mark

Signal word (GHS AU)

Contains

Hazard statements (GHS AU)

Precautionary statements (GHS AU)

Warning

dibenzoyl peroxide (10 – 25 %)

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

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.



# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
dibenzoyl peroxide	94-36-0	10 – 25	Org. Perox. B, H241 Eye Irrit. 2A, H319 Skin Sens. 1, H317

## 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).
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 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.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	May cause severe irritation.

### 4.3. Medical attention and special treatment

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. 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

General measures	Spilled material may present a slipping hazard.
Hazardous decomposition products in case of fire	Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

### 5.3. Special protective equipment and precautions 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.
------------------	---

# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 6.1.1. For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel.

### 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 materials 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.

## 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 and personal protection

### 8.1. Control parameters - exposure standards

HIT-HY 200-R V3, B	
Australia - Occupational Exposure Limits	
Local name	Benzoyl peroxide (Dibenzoyl peroxide)
OES TWA [1]	5 mg/m <sup>3</sup>
Remark (AU)	Sen - Respiratory and/or Skin Sensitiser.
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

Additional information The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.

### 8.2. Biological Monitoring

No additional information available

### 8.3. Engineering controls

Appropriate engineering controls Ensure good ventilation of the work station.

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

Personal protective equipment Safety glasses. Gloves. Protective clothing. Avoid all unnecessary exposure.

# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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.				
-----------------	---	--	--	--	--

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

### Personal protective equipment symbol(s)



Environmental exposure controls

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

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

Physical state	Solid
Appearance	Thixotropic paste.
Colour	white
Odour	characteristic
Odour threshold	Not determined
pH	No data available
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	Not self-igniting
Flammability	No data available
Vapour pressure	No data available
Relative density	No data available
Density	Density: 1.9 g/ml AW 4.3.23
Solubility	Water: Not miscible
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	21052.632 mm²/s
Viscosity, dynamic	40 Pa·s HN-0333
Explosive properties	Product is not explosive.
Explosive limits	No data available
Minimum ignition energy	No data available
SADT	65 °C
Fat solubility	No data available

## SECTION 10: Stability and reactivity

Reactivity	No additional information available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No additional information available.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases.

# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
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 200-R V3, B

Viscosity, kinematic	21052.632 mm²/s
----------------------	-----------------

Potential adverse human health effects and symptoms	No additional information available
---	-------------------------------------

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

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.

#### 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 200-R V3, 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.
-------------------------------	--

# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 12.3. Bioaccumulative potential

#### HIT-HY 200-R V3, B

Bioaccumulative potential	Not established.
<b>dibenzoyl peroxide (94-36-0)</b>	
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

#### dibenzoyl peroxide (94-36-0)

Surface tension	No data available (test not performed)
Ecology - soil	Low potential for mobility in soil.
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)

### 12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

## SECTION 13: Disposal considerations

Regional legislation (waste)	Disposal must be done according to official regulations.
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.
Ecology - waste materials	Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
Special provision(s) applied : 375	Special provision(s) applied : 969	Special provision(s) applied : A197	Special provision(s) applied : 375
These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.			
<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)

# HIT-HY 200-R V3, B

## Safety Data Sheet

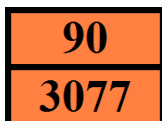
according to the Work Health and Safety (WHS) Regulations

ADR	IMDG	IATA	RID
<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	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
Environmentally hazardous substances derogation applies (quantity of liquids ≤ 5 litres or net mass of solids ≤ 5 kg). The environmentally hazardous substance mark is therefore not required, as stated in the ADR regulation, section 5.2.1.8.1.			
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
Transport category (ADR)	3
Orange plates	



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

# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 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

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS) All the chemicals contained in this product are listed introductions  
Inventory) status

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Legislation	Modified	

### 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  
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  
25/10/2022  
None.

Revision date

Other information



# HIT-HY 200-R V3, B

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Classification	
Eye Irrit. 2A	H319
Skin Sens. 1	H317

Full text of H-statements	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Org. Perox. B	Organic Peroxides, Type B
Skin Sens. 1	Skin sensitisation, Category 1
H241	Heating may cause a fire or explosion
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

SDS\_AU\_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.