

# HIT-RE 100-HC

Compiled according to GB/T 16483, GB/T 17519

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## SECTION 1 Chemical product and company identification

### Product identifier

Product form	Mixture
Product name	HIT-RE 100-HC
Product code	BU Anchor
Chemical Chinese name	胶粘剂 HIT-RE 100-HC
Chemical English name	Injection Mortar HIT-RE 100-HC
Recommended use of the chemical	Composite mortar component for fasteners in the construction industry
	For professional use only

### Details of the supplier of the safety data sheet

<b>Supplier</b> Hilti (China) Ltd. 8F, Tower 2, No.58 Yao Yuan Rd. Pudong District 200126 Shanghai - China T +86 21 6016 7316	<b>Department issuing data specification sheet</b> Hilti Entwicklungsgesellschaft mbH Hiltistraße 6 86916 Kaufering - Deutschland T +49 8191 906876 <a href="mailto:anchor.hse@hilti.com">anchor.hse@hilti.com</a>
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### Emergency telephone number

Emergency number	Schweizerisches Toxikologisches Informationszentrum - 24h Service +41 44 251 51 51 (international)
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Country	Organisation/Company	Address	Emergency number
China	中国境内化学事故应急咨询电话 / chemical accident emergency consultation service hotline (24/7)		+86 532 83889090

## SECTION 2 Hazards identification

### Emergency overview

Thixotropic paste. component A: light grey, component B: Red. Amine-like. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Use personal protective equipment as required. Equip cleanup crew with proper protection

### GHS hazard classification

Health hazards	Acute toxicity (Oral), Category 5 Skin corrosion/irritation, Category 1B
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# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

	Serious eye damage/eye irritation, Category 1
	Skin sensitization, Category 1
	Germ cell mutagenicity, Category 2
	Reproductive toxicity, Category 1B
Environmental hazards	Hazardous to the aquatic environment - Acute hazard, Category 2
	Hazardous to the aquatic environment - Chronic hazard, Category 2
Other hazards not mentioned above are	Not applicable or No data is available.

### Label elements

Hazard pictograms (GHS CN)



Signal word (GHS CN)

Danger.

Hazard statements (GHS CN)

H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H341 - Suspected of causing genetic defects  
H360 - May damage fertility or the unborn child  
H411 - Toxic to aquatic life with long lasting effects.

### Precautionary statements (GHS CN)

Prevention measures

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

Incident response

P302+P352 - IF ON SKIN: Wash with plenty of water.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

Safe storage

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P410+P403 - Protect from sunlight. Store in a well-ventilated place.

Disposal

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### Physical and chemical hazards

No additional information available

### Health hazards

Causes severe skin burns and eye damage

May cause an allergic skin reaction

Suspected of causing genetic defects

May damage fertility or the unborn child

Symptoms/effects

Causes severe skin burns and eye damage.

Symptoms/effects after eye contact

Causes serious eye damage.

Symptoms/effects after skin contact

May cause an allergic skin reaction.

### Environmental hazards

Toxic to aquatic life with long lasting effects

### Other hazards

No additional information available

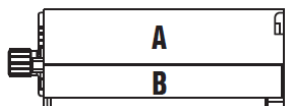
# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### SECTION 3 Composition/information on ingredients

Product form



Mixture

Component A: Epoxy resin, Reactive diluent, inorganic filler

Component B: Amine hardener, inorganic filler

Component A:		
Ingredient(s)	Concentration or concentration ranges (w/w %)	CAS No.
2,2' -[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	25 - 35	1675-54-3
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	10 - 25	9003-36-5
Benzyl alcohol	2.5 - 10	100-51-6
1,3 Propanediol, 2 ethyl-2-(hydroxymethyl)-, polymer with 2-(chloromethyl)oxirane	1 - 5	30499-70-8

Component B:		
Ingredient(s)	Concentration or concentration ranges (w/w %)	CAS No.
m-Xylylenediamine	10 - 25	1477-55-0
Formaldehyde, telomer with 1,3-benzenedimethanamine, 1,3-benzenediol and ethenylbenzene	5 - 15	710292-85-6
Resorcinol	0.1 - 1	108-46-3

### SECTION 4 First-aid measures

#### Description of necessary first-aid measures

First-aid measures general	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.
First-aid measures after skin contact	Wash with plenty of water/... Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get immediate medical advice/attention.
First-aid measures after eye contact	Get immediate medical advice/attention. Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing.

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

First-aid measures after ingestion	Consult an eye specialist Do not induce vomiting. Rinse mouth. Immediately call a POISON CENTER/doctor.
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### Most important symptoms/effects

Symptoms/effects	Causes severe skin burns and eye damage.
Symptoms/effects after eye contact	Causes serious eye damage.
Symptoms/effects after ingestion	May be harmful if swallowed.
Symptoms/effects after skin contact	May cause an allergic skin reaction.

### Advices for first aid responders

No additional information available

### Notes for the doctor

Other medical advice or treatment      No additional information available

## SECTION 5 Fire-fighting measures

### Extinguishing media

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

### Specific hazards

Hazardous decomposition products in case of fire	Thermal decomposition generates : Carbon dioxide Carbon monoxide
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### Advice for firefighters and protective measures

Firefighting instructions	Use water spray or fog for cooling exposed containers Exercise caution when fighting any chemical fire Prevent fire fighting water from entering the environment
Protection during firefighting	Self-contained breathing apparatus Do not enter fire area without proper protective equipment, including respiratory protection

## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Heat and ignition sources	Keep away from heat and direct sunlight
General measures	Spilled material may present a slipping hazard
Personal Precautions, Protective Equipment and Emergency Procedures	No additional information available

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel

### For emergency responders

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

Emergency procedures Ventilate area

### Environmental precautions

Prevent entry to sewers and public waters

Notify authorities if liquid enters sewers or public waters

Avoid release to the environment

Full or only partially emptied cartridges must be disposed of as special waste in accordance with official regulations.

After curing, the product can be disposed of with household waste.

### Methods and material for containment and cleaning up

Methods for cleaning No additional information available

For containment Collect spillage.

### Prevention measures for secondary accidents

Prevention Measures for Secondary Accidents No additional information available

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

## SECTION 7 Handling and storage

### Handling

Precautions for safe handling 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  
Avoid contact during pregnancy/while nursing

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.

Local and general ventilation No additional information available

### Storage

Storage conditions Protect from sunlight. Store in a well-ventilated place.

Technical measures Comply with applicable regulations

Material used in packaging/containers No additional information available

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

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### SECTION 8 Exposure controls / Personal protection equipment

#### Occupational exposure limits

resorcinol (108-46-3)	
China - Occupational Exposure Limits	
Local name	间苯二酚 # Resorcinol
OEL PC-TWA	20 mg/m <sup>3</sup>
Regulatory reference	GBZ 2.1-2019

#### Biological limit values

No additional information available

#### Monitoring methods

No additional information available

#### Appropriate engineering controls

No additional information available

#### Personal protective equipment

Personal protective equipment	Safety glasses Gloves Protective clothing Avoid all unnecessary exposure
Environmental exposure controls	Avoid release to the environment.
Consumer exposure controls	Avoid contact during pregnancy/while nursing.
Other information	Do not eat, drink or smoke during use
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).	> 0,4		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

Respiratory protection      No additional information available

Personal protective equipment symbol(s)



# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### SECTION 9 Physical and chemical properties

Physical state	Solid
Appearance	Thixotropic paste
Colour	component A: light grey, component B: Red
Odour	Amine-like
pH	11.5 (Component B)
Melting point	No data available
Freezing point	Not applicable
Boiling point	Not applicable
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Vapour pressure	No data available
Relative vapour density at 20 ° C	No data available
Density	1.6 g/cm <sup>3</sup> (A: 1,51 g/cm <sup>3</sup> B: 1,75 g/cm <sup>3</sup> )
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Lower explosive limit (LEL)	No data available
Upper explosive limit (UEL)	No data available
Radioactive	No

### SECTION 10 Stability and reactivity

Reactivity	Corrosive vapours
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	Under normal conditions of storage and use, hazardous decomposition products should not be produced Thermal decomposition generates : fume Carbon monoxide Carbon dioxide Corrosive vapours
Other properties	No additional information available

### SECTION 11 Toxicological information

#### Acute toxicity

Acute toxicity (oral) Acute	May be harmful if swallowed.
toxicity (dermal)	No data available
Acute toxicity (inhalation)	No data available

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

HIT-RE 100-HC	
ATE CN (oral)	2500 mg/kg bodyweight

<b>resorcinol</b>	
LD50 oral	301 mg/kg
ATE CN (oral)	301 mg/kg bodyweight

Formaldehyde, telomer with 1,3-benzenedimethanamine, 1,3-benzenediol and ethenylbenzene	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

<b>m-Xylylenediamine</b>	
LD50 oral rat	1090 mg/kg
LD50 dermal rat	> 3100 mg/kg
LD50 dermal	> 3100 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	1.34 mg/l/4h
ATE CN (oral)	660 mg/kg bodyweight
ATE CN (dust, mist)	1.34 mg/l/4h

<b>Benzyl alcohol</b>	
LD50 oral rat	1620 mg/kg
LC50 Inhalation - Rat	> 4178 mg/m <sup>3</sup>
ATE CN (oral)	1620 mg/kg bodyweight

<b>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
LD50 oral rat	> 2000 mg/kg (Rat; OECD 420: Acute Oral toxicity - Acute Toxic Class Method; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

<b>Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol</b>	
LD50 oral rat	> 5000 mg/kg bodyweight (Rat; ECHA)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; ECHA)

### Skin corrosion/irritation

Skin corrosion/irritation Causes severe skin burns.  
pH 11.5 (Component B)

### Serious eye damage/eye irritation

Serious eye damage/irritation Causes serious eye damage.

### Respiratory or skin sensitisation

Respiratory or skin sensitisation May cause an allergic skin reaction.

### Germ cell mutagenicity

Germ cell mutagenicity Suspected of causing genetic defects.

### Carcinogenicity

Carcinogenicity No data available

<b>resorcinol</b>	
IARC group	3 - Not classified

<b>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
IARC group	3 - Not classifiable

### Reproductive toxicity

Reproductive toxicity May damage fertility or the unborn child.



# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### STOT - single exposure

STOT-single exposure No data available

resorcinol	
STOT single exposure	Causes damage to organs (central nervous system, blood) (oral). May cause damage to organs (respiratory system) (oral).

### STOT - repeated exposure

STOT-repeated exposure No data available

### Aspiration hazard

Aspiration hazard No data available

HIT-RE 100-HC	
Density	1.6 g/cm <sup>3</sup> (A: 1,51 g/cm <sup>3</sup> B: 1,75 g/cm <sup>3</sup> )

## SECTION 12 Ecological information

### Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) Toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) Toxic to aquatic life with long lasting effects.

Formaldehyde, telomer with 1,3-benzenedimethanamine, 1,3-benzenediol and ethenylbenzene	
LC50 - Fish [1]	≥ 50 mg/l
EC50 - Crustacea [1]	2.4 mg/l
NOEC chronic algae	6.25 mg/l

resorcinol	
EC50 - Crustacea [1]	1.28 mg/l

m-Xylylenediamine	
LC50 - Fish [1]	75 mg/l
EC50 - Crustacea [1]	15 mg/l
NOEC chronic crustacea	4.7 mg/l

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	
LC50 - Fish [1]	1.2 mg/l (96 h; Oncorhynchus mykiss; Lethal)
LC50 - Fish [2]	2.3 mg/l (96 h; Oncorhynchus mykiss; Nominal concentration)
BCF - Other aquatic organisms [1]	31 (Estimated value, Fresh weight)

### Persistence and degradability

m-Xylylenediamine	
Not rapidly degradable	Yes

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	
Not rapidly degradable	Yes

1,3 Propanediol, 2 ethyl-2-(hydroxymethyl)-, polymer with 2-(chloromethyl)oxirane	
Not rapidly degradable	Yes

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	
Not rapidly degradable	Yes

### Bioaccumulative potential

Formaldehyde, telomer with 1,3-benzenedimethanamine, 1,3-benzenediol and ethenylbenzene	
Bioconcentration factor (BCF REACH)	$\geq 12.9$
Partition coefficient n-octanol/water (Log Pow)	5.14

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500)
BCF - Other aquatic organisms [1]	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	$\geq 2.918$ (Experimental value; EU Method A.8: Partition Coefficient; 25 ° C)
Partition coefficient n-octanol/water (Log Koc)	2.65 (log Koc, SRC PCKOCWIN v2.0, QSAR)

### Mobility in soil

Formaldehyde, telomer with 1,3-benzenedimethanamine, 1,3-benzenediol and ethenylbenzene	
Partition coefficient n-octanol/water (Log Pow)	5.14

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	
Ecology - soil	Low bioaccumulation potential (BCF < 500)
Surface tension	59 mN/m (20 ° C, 0.09 g/l)
Partition coefficient n-octanol/water (Log Pow)	$\geq 2.918$ (Experimental value; EU Method A.8: Partition Coefficient; 25 ° C)
Partition coefficient n-octanol/water (Log Koc)	2.65 (log Koc, SRC PCKOCWIN v2.0, QSAR)

### Other adverse effects

Classification procedure (Ozone)                      No data available

## SECTION 13 Disposal considerations

<b>Waste treatment methods</b>	No additional information available
<b>Contaminated container and packaging</b>	No additional information available
<b>Additional information</b>	No additional information available
<b>Product/Packaging disposal recommendations</b>	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
<b>Ecology - waste materials</b>	Avoid release to the environment.

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519





Regional legislation (waste)

Disposal must be done according to official regulations

### SECTION 14: Transport information

#### component A:

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number</b>			
UN 1759	UN 1759	UN 1759	UN 1759
<b>14.2. UN proper shipping name</b>			
CORROSIVE SOLID, N. O. S. (trimethylolpropane triglycidylether)	CORROSIVE SOLID, N. O. S. (trimethylolpropane triglycidylether)	Corrosive solid, n. o. s. (trimethylolpropane triglycidylether)	CORROSIVE SOLID, N. O. S. (trimethylolpropane triglycidylether)
Transport document description			
UN 1759 CORROSIVE SOLID, N. O. S. (trimethylolpropane triglycidylether), 8, III, (E), ENVIRONMENTALLY HAZARDOUS	UN 1759 CORROSIVE SOLID, N. O. S. (trimethylolpropane triglycidylether), 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1759 Corrosive solid, n. o. s. (trimethylolpropane triglycidylether), 8, III, ENVIRONMENTALLY HAZARDOUS	UN 1759 CORROSIVE SOLID, N. O. S. (trimethylolpropane triglycidylether), 8, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>			
8	8	8	8
			
<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
No supplementary information available			

#### 14.6. Special precautions for user

##### Overland transport

Classification code (ADR)	C10
Special provisions (ADR)	274
Limited quantities (ADR)	5kg
Packing instructions (ADR)	P002, IBC08, LP02, R001
Mixed packing provisions (ADR)	MP10
Transport category (ADR)	3

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

Orange plates



Tunnel restriction code (ADR)

E

### Transport by sea

Special provisions (IMDG)	223, 274
Packing instructions (IMDG)	P002, LP02
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-B
Stowage category (IMDG)	A

### Air transport

PCA packing instructions (IATA)	860
PCA max net quantity (IATA)	25kg
CAO packing instructions (IATA)	864
Special provisions (IATA)	A3, A803

### Rail transport

Special provisions (RID)	274
Packing instructions (RID)	P002, IBC08, LP02, R001

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

Not applicable

### component B:

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number</b>			
UN 3259	UN 3259	UN 3259	UN 3259
<b>14.2. UN proper shipping name</b>			
AMINES, SOLID, CORROSIVE, N. O. S.	AMINES, SOLID, CORROSIVE, N. O. S.	Amines, solid, corrosive, n. o. s.	AMINES, SOLID, CORROSIVE, N. O. S.
Transport document description			
UN 3259 AMINES, SOLID, CORROSIVE, N. O. S., 8, II, (E)	UN 3259 AMINES, SOLID, CORROSIVE, N. O. S., 8, II	UN 3259 Amines, solid, corrosive, n. o. s., 8, II	UN 3259 AMINES, SOLID, CORROSIVE, N. O. S., 8, II
<b>14.3. Transport hazard class(es)</b>			
8	8	8	8

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

ADR	IMDG	IATA	RID
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available			

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	C8
Special provisions (ADR)	274
Limited quantities (ADR)	1kg
Packing instructions (ADR)	P002, IBC08
Mixed packing provisions (ADR)	MP10
Transport category (ADR)	2
Orange plates	



Tunnel restriction code (ADR)	E
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#### Transport by sea

Special provisions (IMDG)	274
Limited quantities (IMDG)	1 kg
Packing instructions (IMDG)	P002
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-B
Stowage category (IMDG)	A
MFAG-No	154

#### Air transport

PCA packing instructions (IATA)	859
PCA max net quantity (IATA)	15kg
CAO packing instructions (IATA)	863
Special provisions (IATA)	A3

#### Rail transport

Special provisions (RID)	274
Limited quantities (RID)	1kg
Packing instructions (RID)	P002, IBC08

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

Not applicable

# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### SECTION 15 Regulatory information

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

Inventory of Existing Chemical Substances in

China (IECSC) Listed

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

Catalogue of Hazardous Chemicals (2015) Listed

Identification of major hazard installations

for dangerous chemicals (GB 18218) Not listed

Catalogue of Severely Restricted Toxic

Chemicals Not listed

Catalogue of Explosive Precursor Dangerous

Chemicals Not listed

Catalogue of Hazardous Chemicals Prohibited

from Inland Waterway Transport Not listed

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

Catalogue for Classification of Hazardous

Factors of Occupational Diseases Listed

List of Highly Toxic Substances Not listed

Regulations on Administration of Chemicals Subjected to Supervision and Control

Catalogue of Controlled Chemicals Not listed

Regulation on the Administration of Precursor Chemicals (Decree 445 of the State Council)

Catalogue of Precursor Chemicals Not listed

Regulations on Administration of Ozone Depleting Substances (Decree 573 of the State Council)

List of Ozone-Depleting Substances under

Control in China Not listed

Other domestic regulatory lists

Dangerous Goods List (GB 12268-2012) Listed

List of Export Control of Chemical Agents and

Related Equipment and Technologies Not listed

List of Goods Prohibited from Export (No. 3)

or Import (No. 6) Not listed

Inventory of Hazardous Chemicals under Key

Supervision Not listed



# HIT-RE 100-HC

## Safety Data Sheet

Compiled according to GB/T 16483, GB/T 17519

### SECTION 16 Other information

Other information

None

Indication of changes

Section	Changed item	Change	Comments
1.	Emergency number.	Modified.	
2.	Classification (GHS CN).	Modified.	
2.	Hazard statements (GHS CN)	Modified.	
3.	Composition/information on ingredients.	Modified.	

SDS\_CN\_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.*