HIT-RE 500-SD

Safety information for 2-Component-products

Date of issue: 17/05/2017            Revision date: 17/05/2017            Supersedes: 17/02/2017 Version: 9.0

SECTION 1: Kit identification

1.1 Product identifier

Name: HIT-RE 500-SD
Product code: BU Anchor

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

Hilti (Schweiz) AG
Soodstrasse 61
8134 Adliswil - Schweiz
T +41 844 84 84 85 - F +41 844 84 84 86
info@hilti.ch

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: Kit contents

Classification of the Product

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

Skin Corr. 1A: H314
Skin Sens. 1: H317
Repr. 1B: H360F
Aquatic Chronic 2: H411

Full text of hazard classes and H-statements: see section 16

Label elements

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

Hazard pictograms (CLP)

Signal word (CLP): Danger
Hazardous ingredients: Epoxy resin, Amines
Hazard statements (CLP):
- H314 - Causes severe skin burns and eye damage
- H317 - May cause an allergic skin reaction
- H360F - May damage fertility
HIT-RE 500-SD

Kit Safety Information Sheet

Precautionary statements (CLP)
- 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
- 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 water

H411 - Toxic to aquatic life with long lasting effects

Additional information
2-component-foilpack, contains:
- Component A: Epoxy resin, Reactive diluent, inorganic filler
- Component B: Amine hardener, inorganic filler

<table>
<thead>
<tr>
<th>Name</th>
<th>General description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
</table>
| HIT-RE 500-SD, A    |                     | 1        | pcs (pieces) | Skin Corr. 1C, H314
|                     |                     |          |        | Eye Dam. 1, H318
|                     |                     |          |        | Skin Sens. 1, H317
|                     |                     |          |        | Repr. 1B, H360
|                     |                     |          |        | Aquatic Chronic 2, H411                                                           |
| HIT-RE 500-SD, B    |                     | 1        | pcs (pieces) | Skin Corr. 1A, H314
|                     |                     |          |        | Eye Dam. 1, H318
|                     |                     |          |        | Skin Sens. 1, H317
|                     |                     |          |        | Aquatic Chronic 3, H412                                                           |

SECTION 4: General information

No data available

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
- 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.

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

Technical measures
- Comply with applicable regulations

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

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
- On land, sweep or shovel into suitable containers
- 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
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
Consult an eye specialist
Immediatly call a POISON CENTER or doctor/physician

First-aid measures after ingestion
Drink plenty of water
Do not induce vomiting
Rinse mouth

First-aid measures after inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing

First-aid measures after skin contact
Wash with plenty of soap and water
Remove/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 general
Never give anything by mouth to an unconscious person
If you feel unwell, seek medical advice (show the label where possible)

Symptoms/effects
Causes severe skin burns and eye damage

Symptoms/effects after eye contact
Causes serious eye damage

Symptoms/effects after inhalation
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
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product form: Mixture
Name: HIT-RE 500-SD, B
Product code: BU Anchor

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

1.2.1. Relevant identified uses
Industrial/Professional use spec: For professional use only
Use of the substance/mixture: Composite mortar component for fasteners in the construction industry

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Supplier: Hilti (Schweiz) AG
Soodstrasse 61
8134 Adliswil - Schweiz
T +41 844 84 84 85 - F +41 844 84 84 86
info@hilti.ch

Department issuing data specification sheet: Hilti Entwicklungsgesellschaft mbH
Hiltistraße 6
86916 Kaufering - Deutschland
T +49 8191 906310 - F +49 8191 90176310
anchor.hse@hilti.com

1.4. Emergency telephone number
Emergency number: Schweizerisches Toxikologisches Informationszentrum – 24h Service
+41 44 251 51 51 (international)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin Corr. 1A - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Chronic 3 - H412

Full text of hazard classes and H-statements: see section 16

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

Hazard pictograms (CLP)

Signal word (CLP): Danger
Hazardous ingredients: m-Xylylenediamine
Hazard statements (CLP):
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H412 - Harmful to aquatic life with long lasting effects
HIT-RE 500-SD, B

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

Precautionary statements (CLP)

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
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 water

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>m-Xylylenediamine</td>
<td>(CAS No) 1477-55-0</td>
<td>25</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td>(EC No) 216-032-5</td>
<td></td>
<td>Acute Tox. 4 (Dermal), H312</td>
</tr>
<tr>
<td></td>
<td>(REACH-no) 01-2119480150-50</td>
<td>40</td>
<td>Acute Tox. 4 (Inhalation:dust,mist), H332</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1B, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 3, H412</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of 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 victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact
Wash with plenty of soap and water. Remove/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. Consult an eye specialist.

First-aid measures after ingestion
Drink plenty of water. Do not induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/effects
Causes severe skin burns and eye damage.

Symptoms/effects after inhalation
May cause an allergic skin reaction.

Symptoms/effects after eye contact
Causes serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.
SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media

Unsuitable extinguishing media
- Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition products in case of fire
- Thermal decomposition generates: Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters
Firefighting instructions
- Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting
- 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.

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. 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.

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. On land, sweep or shovel into suitable containers. Store away from other materials.

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

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling
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.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures
- Comply with applicable regulations.

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

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>m-Xylyenediamine (1477-55-0)</th>
<th>Switzerland</th>
<th>Local name</th>
<th>m-Xylène-a,a’-diamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>VME (mg/m³)</td>
<td>Switzerland</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

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

8.2. Exposure controls

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.

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposable gloves</td>
<td>Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>&gt; 0,4</td>
<td>EN 374</td>
</tr>
</tbody>
</table>

Eye protection: Chemical goggles or face shield

<table>
<thead>
<tr>
<th>Type</th>
<th>Use</th>
<th>Characteristics</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses</td>
<td>Droplet</td>
<td>clear</td>
<td>EN 166, EN 170</td>
</tr>
</tbody>
</table>

Skin and body protection: Wear suitable protective clothing

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Thixotropic paste.</td>
</tr>
<tr>
<td>Colour</td>
<td>red.</td>
</tr>
<tr>
<td>Odour</td>
<td>Amine-like.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>11.5</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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### Boiling point
No data available

### Flash point
No data available

### Auto-ignition temperature
No data available

### Decomposition temperature
No data available

### Flammability (solid, gas)
Non flammable

### Vapour pressure
No data available

### Relative vapour density at 20 °C
No data available

### Relative density
No data available

### Density
1.41 g/cm³ DIN EN ISO 1183-3

### Solubility
Insoluble in water.

### Log Pow
No data available

### Viscosity, kinematic
No data available

### Viscosity, dynamic
50 Pa.s HN-0333

### Explosive properties
No data available

### Oxidising properties
No data available

### Explosive limits
No data available

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### 9.2. Other information
No additional information available

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**SECTION 10: Stability and reactivity**

#### 10.1. Reactivity
Corrosive vapours.

#### 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

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**SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>m-Xylylenediamine (1477-55-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 oral</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
</tr>
<tr>
<td>LD50 dermal</td>
</tr>
<tr>
<td>LC50 inhalation rat (Dust/Mist - mg/l/4h)</td>
</tr>
</tbody>
</table>
**HIT-RE 500-SD, B**

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<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Causes severe skin burns and eye damage. pH: 11.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye damage. pH: 11.5</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Additional information</td>
<td>Based on available data, the classification criteria are not met</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Additional information</td>
<td>Based on available data, the classification criteria are not met</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Additional information</td>
<td>Based on available data, the classification criteria are not met</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
<tr>
<td>Additional information</td>
<td>Based on available data, the classification criteria are not met</td>
</tr>
</tbody>
</table>

**HIT-RE 500-SD, B**

Viscosity, kinematic 35460.99290780 mm²/s

Potential adverse human health effects and symptoms Based on available data, the classification criteria are not met.

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**SECTION 12: Ecological information**

12.1. Toxicity
Ecology - water Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Compound</th>
<th>Toxicity (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>m-Xylylenediamine (1477-55-0)</td>
<td>LC50 fish 1 75 mg/l</td>
</tr>
<tr>
<td></td>
<td>LC50 other aquatic organisms 1 20.3 ppb</td>
</tr>
<tr>
<td></td>
<td>EC50 Daphnia 1 15 mg/l</td>
</tr>
<tr>
<td></td>
<td>LOEC (acute) 15 mg/l</td>
</tr>
<tr>
<td></td>
<td>NOEC (acute) 10.5 mg/kg</td>
</tr>
<tr>
<td></td>
<td>NOEC (chronic) 4.7 mg/l</td>
</tr>
<tr>
<td></td>
<td>NOEC chronic crustacea 4.7 mg/l</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>HIT-RE 500-SD, B</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>May cause long-term adverse effects in the environment.</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>HIT-RE 500-SD, B</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>HIT-RE 500-SD, B</th>
<th>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects

<table>
<thead>
<tr>
<th>Additional information</th>
<th>Avoid release to the environment</th>
</tr>
</thead>
</table>
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)  
Disposal must be done according to official regulations.

Waste disposal recommendations  
Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to Avoid release to the environment, Refer to manufacturer/supplier for information on recovery/recycling.

Ecology - waste materials  
Avoid release to the environment.

European List of Waste (LoW) code  
08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances
20 01 27* - paint, inks, adhesives and resins containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG / RID

Other information  
No supplementary information available

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>14.1. UN number</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3259</td>
<td>3259</td>
<td>3259</td>
<td>3259</td>
</tr>
<tr>
<td><strong>14.2. UN proper shipping name</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMINES, SOLID, CORROSIVE, N.O.S.</td>
<td>AMINES, SOLID, CORROSIVE, N.O.S.</td>
<td>Amines, solid, corrosive, n.o.s.</td>
<td>AMINES, SOLID, CORROSIVE, N.O.S.</td>
</tr>
<tr>
<td><strong>Transport document description</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (m-Xylylenediamine), 8, II, (E)</td>
<td>UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (m-Xylylenediamine), 8, II</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>14.3. Transport hazard class(es)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>8</td>
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</tr>
<tr>
<td><strong>14.4. Packing group</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>II</td>
<td>II</td>
<td></td>
</tr>
<tr>
<td><strong>14.5. Environmental hazards</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
</tr>
<tr>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
<td>Dangerous for the environment : No</td>
</tr>
<tr>
<td>Marine pollutant : No</td>
<td>Marine pollutant : No</td>
<td>Marine pollutant : No</td>
<td>Marine pollutant : No</td>
</tr>
</tbody>
</table>

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
HIT-RE 500-SD, B

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

Orange plates

Tunnel restriction code (ADR) E

- 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
  Stowage and segregation (IMDG) 'Separated from' acids.
  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
  Carriage prohibited (RID) No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information

Other information None.

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Inhalation:dust,mist)</td>
<td>Acute toxicity (inhalation:dust,mist) Category 4</td>
</tr>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral), Category 4</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 3</td>
</tr>
</tbody>
</table>
**HIT-RE 500-SD, B**

Safety Data Sheet

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

<table>
<thead>
<tr>
<th>Eye Dam. 1</th>
<th>Serious eye damage/eye irritation, Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corr. 1A</td>
<td>Skin corrosion/irritation, Category 1A</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation, Category 1B</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitisation, Category 1</td>
</tr>
<tr>
<td>Skin Sens. 1B</td>
<td>Skin sensitisation, Category 1B</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

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

1.1. Product identifier
- Product form: Mixture
- Name: HIT-RE 500-SD, A
- Product code: BU Anchor

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
- Use of the substance/mixture: Composite mortar component for fasteners in the construction industry

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
- Supplier: Hilti (Schweiz) AG
  Soodstrasse 61
  8134 Adliswil - Schweiz
  T +41 844 84 84 85
  F +41 844 84 84 86
  info@hilti.ch
- Department issuing data specification sheet: Hilti Entwicklungsgesellschaft mbH
  Hiltistraße 6
  86916 Kaufering - Deutschland
  T +49 8191 906310
  F +49 8191 90176310
  anchor.hse@hilti.com

1.4. Emergency telephone number
- Emergency number: Schweizerisches Toxikologisches Informationszentrum – 24h Service
  +41 44 251 51 51 (international)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
- Skin Corr. 1C: H314
- Eye Dam. 1: H318
- Skin Sens. 1: H317
- Repr. 1B: H360
- Aquatic Chronic 2: H411

Full text of hazard classes and H-statements: see section 16

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

Hazard pictograms (CLP)

Signal word (CLP): Danger

Hazardous ingredients: Bisphenol-A-Epichlorhydrin Epoxy resin Average MW < 700; Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol; 1,6-Hexanediol diglycidyl ether;
1,3 Propanediol, 2 ethyl-2-(hydroxymethyl)-, polymer with 2-(chloromethyl)oxirane

Hazard statements (CLP)
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H360 - May damage fertility
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP)
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
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
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol-A-Epichlorhydrin Epoxy resin Average MW &lt; 700</td>
<td>(CAS No) 25068-38-6 (EC No) 500-033-5 (EC Index No) 603-074-00-8 (REACH-no) 01-2119456619-26</td>
<td>25 - 40</td>
<td>Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol</td>
<td>(CAS No) 9003-36-5 (EC No) 500-006-8 (REACH-no) 01-2119454392-40</td>
<td>10 - 25</td>
<td>Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>1,6-Hexanediol diglycidyl ether</td>
<td>(CAS No) 16096-31-4 (EC No) 240-260-4 (REACH-no) 01-2119463471-41</td>
<td>10 - 25</td>
<td>Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412</td>
</tr>
<tr>
<td>1,3 Propanediol, 2 ethyl-2-(hydroxymethyl)-, polymer with 2-(chloromethyl)oxirane</td>
<td>(CAS No) 30499-70-8 (EC No) 608-489-8 (REACH-no) 01-2120078341-60</td>
<td>5 - 10</td>
<td>Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Rep. 1B, H360F Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Specific concentration limits:

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Specific concentration limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol-A-Epichlorhydrin Epoxy resin Average MW &lt; 700</td>
<td>(CAS No) 25068-38-6 (EC No) 500-033-5 (EC Index No) 603-074-00-8 (REACH-no) 01-2119456619-26</td>
<td>(C &gt;= 5) Eye Irrit. 2, H319 (C &gt;= 5) Skin Irrit. 2, H315</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of 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 victim to fresh air and keep at rest in a position comfortable for breathing. Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get immediate 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.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/effects after inhalation May cause an allergic skin reaction.
Symptoms/effects after skin contact Causes skin irritation.
Symptoms/effects after eye contact Causes serious eye irritation.

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

SECTION 5: Firefighting measures
5.1. Extinguishing media
Unsuitable extinguishing media Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition products in case of fire Thermal decomposition generates: Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters
Firefighting instructions Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting 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.
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. 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.

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. On land, sweep or shovel into suitable containers. Store away from other materials.
HIT-RE 500-SD, A
Safety Data Sheet
described according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling
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.

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
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.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

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

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

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposable gloves</td>
<td>Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>&gt; 0,4</td>
<td>EN 374</td>
</tr>
</tbody>
</table>

Eye protection
Chemical goggles or safety glasses

<table>
<thead>
<tr>
<th>Type</th>
<th>Use</th>
<th>Characteristics</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses</td>
<td>Droplet</td>
<td>clear</td>
<td>EN 166, EN 170</td>
</tr>
</tbody>
</table>

Skin and body protection
Wear suitable protective clothing

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.
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Thixotropic paste.</td>
</tr>
<tr>
<td>Colour</td>
<td>Light grey.</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>1.46 g/ml DIN EN ISO 1183-3</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>43 Pa.s HN-0333</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Product is not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: fume, Carbon monoxide. Carbon dioxide.
SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Not classified

<table>
<thead>
<tr>
<th>Substance Description</th>
<th>LD50 oral rat</th>
<th>LD50 dermal rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol-A-Epichlorhydrin Epoxy resin Average MW &lt; 700 (25068-38-6)</td>
<td>&gt; 2000 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Experimental value)</td>
<td>&gt; 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)</td>
</tr>
<tr>
<td>Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (9003-36-5)</td>
<td>&gt; 5000 mg/kg bodyweight (Rat; ECHA)</td>
<td>&gt; 2000 mg/kg bodyweight (Rat; ECHA)</td>
</tr>
<tr>
<td>1,6-Hexanediol diglycidyl ether (16096-31-4)</td>
<td>3010 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Causes severe skin burns and eye damage.

Serious eye damage/irritation
Causes serious eye damage.

Respiratory or skin sensitisation
May cause an allergic skin reaction.

Germ cell mutagenicity
Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity
May damage fertility.

Additional information
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure)
Not classified

Additional information
Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure)
Not classified

Additional information
Based on available data, the classification criteria are not met

Aspiration hazard
Not classified

HIT-RE 500-SD, A
Viscosity, kinematic
29452.05479452 mm²/s

Potential adverse human health effects and symptoms
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water
Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Substance Description</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
<th>Threshold limit algae 1</th>
<th>Threshold limit algae 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol-A-Epichlorhydrin Epoxy resin Average MW &lt; 700 (25068-38-6)</td>
<td>1.2 mg/l (96 h; Oncorhynchus mykiss; Lethal)</td>
<td>1.1 - 2.8 mg/l (48 h; Daphnia magna; Locomotor effect)</td>
<td>2.3 mg/l (96 h; Oncorhynchus mykiss; Nominal concentration)</td>
<td>&gt; 11 mg/l (72 h; Scenedesmus sp.)</td>
<td>4.2 mg/l (72 h; Scenedesmus sp.)</td>
</tr>
<tr>
<td>1,6-Hexanediol diglycidyl ether (16096-31-4)</td>
<td>30 mg/l</td>
<td>23.1 mg/l</td>
<td>47 mg/l</td>
<td>18 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

HIT-RE 500-SD, A
Persistence and degradability
May cause long-term adverse effects in the environment.
**HIT-RE 500-SD, A**

Safety Data Sheet

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

---

### 12.3. Bioaccumulative potential

**Bisphenol-A-Epichlorhydrin Epoxy resin Average MW < 700 (25068-38-6)**

**Persistence and degradability**

Not readily biodegradable in water. Hydrolysis in water. Low potential for adsorption in soil.

**Bioaccumulative potential**

Not established.

<table>
<thead>
<tr>
<th>BCF other aquatic organisms</th>
<th>3 - 31</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>( \geq 2.918 ) (Experimental value; EU Method A.8: Partition Coefficient; 25 °C)</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Low potential for bioaccumulation (BCF &lt; 500).</td>
</tr>
</tbody>
</table>

### 12.4. Mobility in soil

**Bisphenol-A-Epichlorhydrin Epoxy resin Average MW < 700 (25068-38-6)**

Surface tension

0.0587-0.0589, 20 °C

### 12.5. Results of PBT and vPvB assessment

**HIT-RE 500-SD, A**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

**Additional information**

Avoid release to the environment

---

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Regional legislation (waste)**

Disposal must be done according to official regulations.

**Waste disposal recommendations**

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to Avoid release to the environment, Refer to manufacturer/supplier for information on recovery/recycling.

**Ecology - waste materials**

Avoid release to the environment.

**European List of Waste (LoW) code**

08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

20 01 27* - paint, inks, adhesives and resins containing dangerous substances

---

**SECTION 14: Transport information**

In accordance with ADR / IATA / IMDG / RID

**Other information**

not restricted according ADR Special Provision SP375, IATA-DGR Special Provision A197 and IMDG-Code 2.10.2.7

---

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1. UN number</td>
<td>Not regulated for transport</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.2. UN proper shipping name</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
HIT-RE 500-SD, A

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

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5. Environmental hazards</td>
<td>Dangerous for the environment : Yes</td>
<td>Dangerous for the environment : Yes</td>
<td>Dangerous for the environment : Yes</td>
</tr>
<tr>
<td></td>
<td>Marine pollutant : Yes</td>
<td></td>
<td>Dangerous for the environment : Yes</td>
</tr>
<tr>
<td>ADR 5.2.1.8.1 derogation applies (quantity of liquids ≤ 5 litres or net mass of solids ≤ 5 kg)</td>
<td>not restricted according ADR Special Provision SP375, IATA-DGR Special Provision A197 and IMDG-Code 2.10.2.7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14.6. Special precautions for user
- Overland transport
  Special provisions (ADR) 375
- Transport by sea
  No data available
- Air transport
  Special provisions (IATA) A197
- Rail transport
  Carriage prohibited (RID) No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

<table>
<thead>
<tr>
<th>Hazard statements (CLP)</th>
<th>Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard pictograms (CLP)</td>
<td>Modified</td>
</tr>
<tr>
<td>2.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td>Modified</td>
</tr>
<tr>
<td>3 Composition/information on ingredients</td>
<td>Modified</td>
</tr>
</tbody>
</table>

Other information
None.

Full text of H- and EUH-statements:
**HIT-RE 500-SD, A**

Safety Data Sheet

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 3</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation, Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Repr. 1B</td>
<td>Reproductive toxicity, Category 1B</td>
</tr>
<tr>
<td>Skin Corr. 1C</td>
<td>Skin corrosion/irritation, Category 1C</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitisation, Category 1</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H360</td>
<td>May damage fertility or the unborn child</td>
</tr>
<tr>
<td>H360F</td>
<td>May damage fertility</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

SDS_EU_Hilti

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*