SECTION 1: Kit identification

1.1 Product identifier

Product name: HIT-HY 200-A

Product code: BU Anchor

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

Hilti, Inc.
Legacy Tower, Suite 1000
7250 Dallas Parkway
TX 75024 Plano - USA
T +1 9724035800
1-800-879-8000 toll free - F +1 918 254 0522

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

GHS-US classification

Eye Irrit. 2  H319 - Causes serious eye irritation.
Skin Sens. 1  H317 - May cause an allergic skin reaction.

Label elements

GHS US labelling

Hazard pictograms (GHS US)

Signal word (GHS US)  Warning

Hazardous ingredients  methacrylates, dibenzoyl peroxide

Hazard statements (GHS US)  May cause an allergic skin reaction.

Causes serious eye irritation.

Precautionary statements (GHS US)  Wear eye protection, protective clothing, protective gloves. Do not get in eyes, on skin, or on clothing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If on skin: Wash with plenty of water.
HIT-HY 200-A
Safety information for 2-Component-products

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

<table>
<thead>
<tr>
<th>Name</th>
<th>General description</th>
<th>Quantity</th>
<th>Unit</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT-HY 200-A, B</td>
<td></td>
<td>1</td>
<td>pcs (pieces)</td>
<td>Eye Irrit. 2, H319, Skin Sens. 1, H317</td>
</tr>
<tr>
<td>HIT-HY 200-A, A</td>
<td></td>
<td>1</td>
<td>pcs (pieces)</td>
<td>Skin Sens. 1, H317</td>
</tr>
</tbody>
</table>

SECTION 4: General advice
General advice
For professional users only

SECTION 5: Safe handling advice
General measures
Spilled material may present a slipping hazard
Prevent entry to sewers and public waters
Notify authorities if liquid enters sewers or public waters

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
Drink plenty of water
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
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.
HIT-HY 200-A
Safety information for 2-Component-products

First-aid measures general
Take off immediately all contaminated clothing.
Never give anything by mouth to an unconscious person
If you feel unwell, seek medical advice (show the label where possible)

Symptoms/effects after eye contact
Causes serious eye 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
SECTION 1: Identification

1.1. Identification
Product form: Mixture
Product name: HIT-HY 200-A, A
Product code: BU Anchor

1.2. Recommended use and restrictions on use
Use of the substance/mixture: Composite mortar component for fasteners in the construction industry
Recommended use: For professional use only

1.3. Supplier
Supplier: Hilti, Inc.
Legacy Tower, Suite 1000
7250 Dallas Parkway
Plano, TX 75024 - USA
T +1 9724035800
1-800-879-8000 toll free - F +1 918 254 0522

Department issuing data specification sheet: Hilti Entwicklungsgesellschaft mbH
Hiltistraße 6
Kaufering, 86916 - Deutschland
T +49 8191 906876
anchor.hse@hilti.com

1.4. Emergency telephone number
Emergency number: Chem-Trec
Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada)
Tel.: 703 527 3887 (Other countries)
+1 918 8723000
1-800-879-8000 toll free

SECTION 2: Hazard(s) Identification

2.1. Classification of the substance or mixture
GHS-US classification
Skin sensitisation, Category 1: H317
May cause an allergic skin reaction.
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements
GHS US labelling
Hazard pictograms (GHS US)

Signal word (GHS US): Warning
Hazard statements (GHS US): H317 - May cause an allergic skin reaction.
Precautionary statements (GHS US): 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 which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td></td>
<td>40 – 60</td>
<td>Carc. 1A, H350</td>
</tr>
<tr>
<td>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester</td>
<td>(CAS-No.) 2082-81-7</td>
<td>10 – 25</td>
<td>Skin Sens. 1B, H317</td>
</tr>
<tr>
<td>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol</td>
<td>(CAS-No.) 27813-02-1</td>
<td>5 – 10</td>
<td>Eye Irrit. 2A, H319 Skin Sens. 1, H317</td>
</tr>
<tr>
<td>1,1’-(p-tolylimino)dipropan-2-ol</td>
<td>(CAS-No.) 38668-48-3</td>
<td>0.1 – 1</td>
<td>Acute Tox. 2 (Oral), H300 Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>

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

SECTION 4: First-aid measures

4.1. Description of 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. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after eye contact
Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Rinse mouth. Drink plenty of water. Get medical advice/attention. Do not induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

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

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

Symptoms/effects after eye contact
May cause severe irritation.

4.3. Immediate medical attention and special treatment, if necessary
No additional information available
## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
<th>Unsuitable extinguishing media</th>
</tr>
</thead>
</table>

### 5.2. Specific hazards arising from the chemical

No additional information available

### 5.3. Special protective equipment and precautions for fire-fighters

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

## 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.

### 6.3. Methods and material for containment and cleaning up

#### For containment

Collect spillage.

#### Methods for cleaning up

- This material and its container must be disposed of in a safe way, and as per local legislation. Mechanically recover the product. Store away from other materials.

#### Other information

Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

No additional information available

## 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

<table>
<thead>
<tr>
<th>Storage conditions</th>
<th>Keep cool. Protect from sunlight.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incompatible products</td>
<td>Strong bases. Strong acids.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Sources of ignition. Direct sunlight.</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>5 – 25 °C</td>
</tr>
<tr>
<td>Heat and ignition sources</td>
<td>Keep away from heat and direct sunlight.</td>
</tr>
</tbody>
</table>

### Storage conditions
- Keep cool. Protect from sunlight.
- Strong bases. Strong acids.
- Sources of ignition. Direct sunlight.
- Storage temperature: 5 – 25 °C
- Heat and ignition sources: Keep away from heat and direct sunlight.

### Incompatible products
- Strong bases.
- Strong acids.

### Incompatible materials
- Sources of ignition.
- Direct sunlight.

### Storage temperature
- 5 – 25 °C

### Heat and ignition sources
- Keep away from heat and direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### HIT-HY 200-A, A

- No additional information available

#### Quartz (SiO2)

- **USA - ACGIH - Occupational Exposure Limits**
  - Local name: Silica crystalline - quartz
  - ACGIH TWA (mg/m³): 0.025 mg/m³ (Respirable fraction)
  - Regulatory reference: ACGIH 2020

#### USA - OSHA - Occupational Exposure Limits

- Local name: Silica, crystalline quartz, respirable dust
- Remark (OSHA): (J) See Table Z-3.

#### Additional information

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

### 8.2. Appropriate engineering controls

- Environmental exposure controls: Not applicable.

### 8.3. Individual protection measures/Personal protective equipment

**Personal protective equipment:**


**Materials for protective clothing:**

- Long sleeved 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.
**HIT-HY 200-A, A**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposable gloves</td>
<td>Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>0.12</td>
<td></td>
</tr>
</tbody>
</table>

**Eye protection:**

Wear security glasses which protect from splashes

<table>
<thead>
<tr>
<th>Type</th>
<th>Use</th>
<th>Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses</td>
<td>Droplet</td>
<td>clear</td>
</tr>
</tbody>
</table>

**Skin and body protection:**

Wear suitable protective clothing

**Personal protective equipment symbol(s):**

- ![Symbol for protective glasses]
- ![Symbol for gloves]
- ![Symbol for protective clothing]

**Other information:**

Do not eat, drink or smoke during use.

---

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

- **Physical state**: Solid
- **Appearance**: Thixotropic paste.
- **Colour**: Light grey
- **Odour**: Characteristic
- **Odour threshold**: Not determined
- **pH**: No data available
- **Melting point**: No data available
- **Freezing point**: No data available
- **Boiling point**: 240 °C
- **Flash point**: > 109 °C DIN EN ISO 1523
- **Relative evaporation rate (butylacetate=1)**: 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**: 1.8 g/ml AW 4.3.23
- **Solubility**: Water: % Not miscible
- **Partition coefficient n-octanol/water (Log Pow)**: No data available
- **Auto-ignition temperature**: Not self-igniting
- **Decomposition temperature**: No data available
- **Viscosity, kinematic**: No data available
- **Viscosity, dynamic**: 35 – 65 Pa·s (HN-0333)
**HIT-HY 200-A, A**  
Safety Data Sheet  
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Explosive limits</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosive properties</td>
<td>Product is not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</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
Fume. Carbon monoxide. Carbon dioxide. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity (oral)</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (dermal)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1,1’-(p-tolylimino)dipropan-2-ol (38668-48-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LD50 oral rat</strong></td>
</tr>
<tr>
<td><strong>LD50 dermal rat</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LD50 oral rat</strong></td>
</tr>
<tr>
<td><strong>LD50 dermal rat</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LD50 oral rat</strong></td>
</tr>
<tr>
<td><strong>LD50 dermal rabbit</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause an allergic skin reaction.</td>
</tr>
</tbody>
</table>
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified

<table>
<thead>
<tr>
<th>Quartz (SiO2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
</tr>
</tbody>
</table>

Reproductive toxicity: Not classified
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Viscosity, kinematic: No data available

Potential adverse human health effects and symptoms:
- No additional information available.
- Symptoms/effects after skin contact: May cause an allergic skin reaction.
- Symptoms/effects after eye contact: May cause severe irritation.

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Chemical</th>
<th>LC50 (fish 1)</th>
<th>LC50 (other aquatic organisms 1)</th>
<th>EC50 (Daphnia 1)</th>
<th>NOEC (acute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1'-(p-tolylimino)dipropan-2-ol (38668-48-3)</td>
<td>17 mg/l</td>
<td>245 mg/l</td>
<td>28.8 mg/l</td>
<td>57.8 mg/l</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical</th>
<th>LC50 (fish 1)</th>
<th>EC50 (Daphnia 1)</th>
<th>ErC50 (algae)</th>
<th>Threshold limit algae 1</th>
<th>Threshold limit algae 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>493 mg/l (48 h; Leuciscus idus; GLP)</td>
<td>&gt; 143 mg/l (48 h; Daphnia magna; GLP)</td>
<td>&gt; 97.2 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)</td>
<td>&gt; 97.2 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>HIT-HY 200-A, A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability: Not established.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quartz (SiO2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability: Biodegradability: not applicable.</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD): Not applicable (inorganic)</td>
</tr>
<tr>
<td>ThOD: Not applicable (inorganic)</td>
</tr>
</tbody>
</table>
2-Propanoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)
Biodegradation 84 %

2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)
Persistence and degradability Readily biodegradable in water.

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Compound</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT-HY 200-A, A</td>
<td>Not established.</td>
</tr>
<tr>
<td>Quartz (SiO2)</td>
<td>No bioaccumulation data available.</td>
</tr>
<tr>
<td>1,1’-(p-tolylimino)dipropan-2-ol (38668-48-3)</td>
<td>BCF fish 1 = 2.1</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)</td>
<td>Partition coefficient n-octanol/water (Log Kow) 2.1</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>BCF fish 1 ≤ 100</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>BCF fish 2 3.2 Quantitative structure-activity relationship (QSAR)</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>Partition coefficient n-octanol/water (Log Pow) 0.97 (OECD 102 method)</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>Bioaccumulative potential Low bioaccumulation potential (BCF &lt; 500).</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Compound</th>
<th>Ecology - soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>Low potential for mobility in soil.</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>Partition coefficient n-octanol/water (Log Koc) 1.9 (log Koc, Calculated value)</td>
</tr>
<tr>
<td>2-Propanoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)</td>
<td>Ecology - soil Highly mobile in soil.</td>
</tr>
</tbody>
</table>

12.5. Other adverse effects

Other information Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

<table>
<thead>
<tr>
<th>Disposal methods</th>
<th>Disposal must be done according to official regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional legislation (waste)</td>
<td>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.</td>
</tr>
<tr>
<td>Product/Packaging disposal recommendations</td>
<td>Ecology - waste materials Avoid release to the environment.</td>
</tr>
</tbody>
</table>

07/07/2020 EN (English) 11/25
SECTION 14: Transport information
In accordance with ADR / IATA / IMDG / RID

<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</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.2. UN proper shipping name</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

No supplementary information available

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. Transport in bulk according to Annex II of Marpol and the IBC Code
- Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA
Quartz (SiO2)
Listed on the Canadian DSL (Domestic Substances List)

1,1'-(p-tolylimino)dipropan-2-ol (38668-48-3)
Listed on the Canadian DSL (Domestic Substances List)

2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester (2082-81-7)
Listed on the Canadian DSL (Domestic Substances List)

2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol (27813-02-1)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

National regulations
Quartz (SiO2)
Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

⚠️ WARNING: This product can expose you to 1,2-dihydroxybenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date 07/07/2020
Other information None.

Full text of H-statements:

| H300 | Fatal if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H350 | May cause cancer. |

Abbreviations and acronyms:
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

1.1. Identification
Product form: Mixture
Product name: HIT-HY 200-A, B
Product code: BU Anchor

1.2. Recommended use and restrictions on use
Use of the substance/mixture: Composite mortar component for fasteners in the construction industry
Recommended use: For professional use only

1.3. Supplier
Supplier: Hilti, Inc.
Legacy Tower, Suite 1000
7250 Dallas Parkway
Plano, TX 75024 - USA
T +1 9724035800
1-800-879-8000 toll free - F +1 918 254 0522

Department issuing data specification sheet
Hilti Entwicklungsgesellschaft mbH
Hiltistraße 6
Kaufering, 86916 - Deutschland
T +49 8191 906876
anchor.hse@hilti.com

1.4. Emergency telephone number
Emergency number: Chem-Trec
Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada)
Tel.: 703 527 3887 (Other countries)
+1 918 8723000
1-800-879-8000 toll free

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Serious eye damage/eye irritation, Category 2
H319 - Causes serious eye irritation.
Skin sensitisation, Category 1
H317 - May cause an allergic skin reaction.
Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements
GHS US labelling
Hazard pictograms (GHS US)

Signal word (GHS US)
Warning
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
Precautionary statements (GHS US)

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 which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td></td>
<td>40 – 60</td>
<td>Carc. 1A, H350</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
</tr>
</tbody>
</table>

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

SECTION 4: First-aid measures

4.1. Description of 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

4.2. Most important symptoms and effects (acute and delayed)

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

Symptoms/effects after eye contact
May cause severe irritation.

4.3. Immediate medical attention and special treatment, if necessary
No additional information available
SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

5.2. Specific hazards arising from the chemical


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.

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 material for containment and cleaning up

For containment: Collect spillage.

Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation. Mechanically recover the product. Store away from other materials.

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

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. 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.
**SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

**HIT-HY 200-A, B**

No additional information available

**Quartz (SiO2)**

#### USA - ACGIH - Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Local name</th>
<th>Silica crystalline - quartz</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (mg/m³)</td>
<td>0.025 mg/m³ (Respirable fraction)</td>
</tr>
<tr>
<td>Remark (ACGIH)</td>
<td>TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)</td>
</tr>
<tr>
<td>Regulatory reference</td>
<td>ACGIH 2020</td>
</tr>
</tbody>
</table>

#### USA - OSHA - Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Local name</th>
<th>Silica, crystalline quartz, respirable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remark (OSHA)</td>
<td>(3) See Table Z-3.</td>
</tr>
</tbody>
</table>

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

#### USA - ACGIH - Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Local name</th>
<th>Benzoyl peroxide</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Remark (ACGIH)</td>
<td>TLV® Basis: URT &amp; skin irr. Notations: A4 (Not classifiable as a Human Carcinogen)</td>
</tr>
<tr>
<td>Regulatory reference</td>
<td>ACGIH 2020</td>
</tr>
</tbody>
</table>

#### USA - OSHA - Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Local name</th>
<th>Benzoyl peroxide</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Regulatory reference (US-OSHA)</td>
<td>OSHA Annotated Table Z-1</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. Appropriate engineering controls

**Environmental exposure controls**

Not applicable.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:


#### Materials for protective clothing:

Long sleeved 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>Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposable gloves</td>
<td>Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>0.12</td>
<td></td>
</tr>
</tbody>
</table>

Eye protection:
Wear security glasses which protect from splashes

<table>
<thead>
<tr>
<th>Type</th>
<th>Use</th>
<th>Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses</td>
<td>Droplet</td>
<td>clear</td>
</tr>
</tbody>
</table>

Skin and body protection:
Wear suitable protective clothing

**Personal protective equipment symbol(s):**

**Other information:**
Do not eat, drink or smoke during use.

**SECTION 9: Physical and chemical properties**

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

- Physical state: Solid
- Appearance: Thixotropic paste
- Colour: white
- Odour: characteristic
- Odour threshold: Not determined
- pH: 6 – 7
- Melting point: No data available
- Freezing point: No data available
- Boiling point: 100 °C
- Flash point: No data available
- Relative evaporation rate (butylacetate=1): No data available
- Flammability (solid, gas): Non flammable
- Vapour pressure: 23 hPa
- Relative vapour density at 20 °C: No data available
- Relative density: No data available
- Density: 1.9 g/cm³
- Solubility: Water: % Miscible with water
- Partition coefficient n-octanol/water (Log Pow): No data available
- Auto-ignition temperature: Not self-igniting
- Decomposition temperature: No data available
HIT-HY 200-A, B
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Viscosity, kinematic: No data available
Viscosity, dynamic: 25 – 55 Pa·s HN-0333
Explosive limits: No data available
Explosive properties: Product is not explosive.
Oxidising properties: No data available

9.2. Other information
SADT: 65 °C dibenzoyl peroxide

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No additional information available.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases.

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>pH: 6 – 7</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>pH: 6 – 7</td>
<td></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>Carcinogenicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Quartz (SiO2)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
<td>1 - Carcinogenic to humans</td>
</tr>
</tbody>
</table>
dibenzoyl peroxide (94-36-0)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
<td>3 - Not classifiable</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Symptoms/effects after skin contact</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Symptoms/effects after eye contact</td>
<td>May cause severe irritation</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

dibenzoyl peroxide (94-36-0)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>0.11 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>0.0602 mg/l (96h; Oncorhynchus mykiss; ECHA)</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>0.0711 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)</td>
</tr>
<tr>
<td>NOEC (acute)</td>
<td>0.0316 mg/l (96h; Oncorhynchus mykiss; ECHA)</td>
</tr>
<tr>
<td>NOEC chronic fish</td>
<td>&lt; 0.001</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

HIT-HY 200-A, B

Persistence and degradability | Not established.

Quartz (SiO2)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Biodegradability: not applicable.</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>Not applicable (inorganic)</td>
</tr>
<tr>
<td>ToD</td>
<td>Not applicable (inorganic)</td>
</tr>
</tbody>
</table>

dibenzoyl peroxide (94-36-0)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Readily biodegradable in water. Not established. May cause long-term adverse effects in the environment.</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

HIT-HY 200-A, B

Bioaccumulative potential | Not established.

Quartz (SiO2)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>No bioaccumulation data available.</td>
</tr>
</tbody>
</table>

dibenzoyl peroxide (94-36-0)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient n-octanol/water (Log Pow)</td>
<td>3.71</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Low bioaccumulation potential (Log Kow &lt; 4).</td>
</tr>
</tbody>
</table>
12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Substance</th>
<th>Mobility in soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>Low potential for mobility in soil.</td>
</tr>
<tr>
<td>dibenzoyl peroxide (94-36-0)</td>
<td>No data available (test not performed)</td>
</tr>
<tr>
<td>Surface tension</td>
<td>Low potential for mobility in soil.</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water (Log Koc)</td>
<td>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)</td>
</tr>
</tbody>
</table>

12.5. Other adverse effects

Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

| 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 / IATA / IMDG / RID

<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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.2. UN proper shipping name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Mode of transport</th>
<th>Regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overland transport</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Transport by sea</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Air transport</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Rail transport</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

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

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS-No.</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>dibenzoyl peroxide</td>
<td>94-36-0</td>
<td>10 - 15%</td>
</tr>
</tbody>
</table>

#### 15.2. International regulations

**CANADA**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>Listed on the Canadian DSL</td>
</tr>
<tr>
<td></td>
<td>(Domestic Substances List)</td>
</tr>
<tr>
<td>dibenzoyl peroxide</td>
<td>Listed on the Canadian DSL</td>
</tr>
<tr>
<td></td>
<td>(Domestic Substances List)</td>
</tr>
</tbody>
</table>

**EU-Regulations**

**National regulations**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>Listed on IARC (International Agency for Research on Cancer)</td>
</tr>
</tbody>
</table>

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm
**SECTION 16: Other information**

Full text of H-statements:

<table>
<thead>
<tr>
<th>H241</th>
<th>Heating may cause a fire or explosion.</th>
</tr>
</thead>
<tbody>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer.</td>
</tr>
</tbody>
</table>

Abbreviations and acronyms:

<table>
<thead>
<tr>
<th>ADN</th>
<th>European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
<td>European Agreement concerning the International Carriage of Dangerous Goods by Road</td>
</tr>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate</td>
</tr>
<tr>
<td>BCF</td>
<td>Bioconcentration factor</td>
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<tr>
<td>CLP</td>
<td>Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimal Effect level</td>
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<tr>
<td>DNEL</td>
<td>Derived-No Effect Level</td>
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<tr>
<td>EC50</td>
<td>Median effective concentration</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods</td>
</tr>
<tr>
<td>LC50</td>
<td>Median lethal concentration</td>
</tr>
<tr>
<td>LD50</td>
<td>Median lethal dose</td>
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<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NOAEC</td>
<td>No-Observed Adverse Effect Concentration</td>
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<td>NOAEL</td>
<td>No-Observed Adverse Effect Level</td>
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<tr>
<td>NOEC</td>
<td>No-Observed Effect Concentration</td>
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<tr>
<td>OECD</td>
<td>Organisation for Economic Co-operation and Development</td>
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<tr>
<td>PBT</td>
<td>Persistent Bioaccumulative Toxic</td>
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<tr>
<td>PNEC</td>
<td>Predicted No-Effect Concentration</td>
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<tr>
<td>RID</td>
<td>Regulations concerning the International Carriage of Dangerous Goods by Rail</td>
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<tr>
<td>SDS</td>
<td>Safety Data Sheet</td>
</tr>
<tr>
<td>vPvB</td>
<td>Very Persistent and Very Bioaccumulative</td>
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</table>

NFPA health hazard 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity 0 - Material that in themselves are normally stable, even under fire conditions.
HIT-HY 200-A, B
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Indication of changes:

<table>
<thead>
<tr>
<th>Section</th>
<th>Changed item</th>
<th>Change</th>
<th>Comments</th>
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<tbody>
<tr>
<td>3</td>
<td>Composition/information on ingredients</td>
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</table>

SDS_US_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.