

# CP 679 A

## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

Issue date: 26/10/2022

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Version: 3.6

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form Mixture  
Product name CP 679 A  
Product code BU Fire Protection



#### 1.2. Other means of identification

No additional information available

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

Recommended uses and restrictions For professional users only

#### 1.4. Supplier's details

##### Supplier

Hilti India Private Limited  
F-90/4, Okhla Industrial Area Phase 1  
IN- 110 020 New Delhi  
India  
T +9111 4270 1111 - F +91 405 23318

##### Department issuing data specification sheet

Hilti AG  
Feldkircherstraße 100  
FL- 9494 Schaan  
Liechtenstein  
T +423 234 2111  
[chemicals.hse@hilti.com](mailto:chemicals.hse@hilti.com)

#### 1.5. Emergency phone number

Emergency number Schweizerisches Toxikologisches Informationszentrum – 24h Service  
+41 44 251 51 51 (international)  
+9111 4064 6500  
+9111 4270 1122

### SECTION 2: Hazard identification

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

##### Classification according to the United Nations GHS

Not classified

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

##### Labelling according to the United Nations GHS

No labelling applicable

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

Other hazards not contributing to the classification Repeated or prolonged skin contact may cause irritation

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

# CP 679 A

## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | Get medical advice/attention if you feel unwell. Allow affected person to breathe fresh air. Allow the victim to rest.   |
| First-aid measures after skin contact | Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | Get medical advice/attention if you feel unwell. Rinse mouth. Do NOT induce vomiting.  |

### 4.2. Most important symptoms/effects, acute and delayed

|   |  |
|---|--|
| Symptoms/effects                                    | Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation                   | May cause an allergic skin reaction.   |
| Potential adverse human health effects and symptoms | Based on available data, the classification criteria are not met.                        |

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

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

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

### 5.2. Specific hazards arising from the chemical

|  |                                  |
|--|----------------------------------|
| Hazardous decomposition products in case of fire | Carbon dioxide. Carbon monoxide. |
|--|----------------------------------|

### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | Self-contained breathing apparatus. Complete protective clothing. 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

#### 6.1.1. For non-emergency personnel

|                      |                                 |
|----------------------|---------------------------------|
| Emergency procedures | Evacuate unnecessary personnel. |
|----------------------|---------------------------------|

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection. |
|----------------------|---|

### 6.2. Environmental precautions

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

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

|                         |   |
|-------------------------|---|
| Methods for cleaning up | Mechanically recover the product. Collect spillage. |
|-------------------------|---|

# CP 679 A

## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling

Wear personal protective equipment. 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. Avoid breathing spray, vapours, mist.

Hygiene measures

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Keep cool. Store in a dry place. Keep container closed when not in use.

Incompatible products

Strong bases. Strong acids.

Incompatible materials

Sources of ignition. Direct sunlight.

Storage temperature

5 – 25 °C

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Other information

Do not eat, drink or smoke during use.

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

Hand protection

Wear protective gloves.

Eye protection

Chemical goggles or safety glasses

Skin and body protection

Wear suitable protective clothing

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection.

| Device | Filter type | Condition | Standard |
|--------|-------------|-----------|----------|
|        |             |           |          |

Personal protective equipment symbol(s)



#### 8.4. Exposure limit values for the other components

No additional information available

### SECTION 9: Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state

Liquid

Appearance

Pasty

Colour

white.

Odour

characteristic.

Odour threshold

Not determined

Melting point

Not applicable

Freezing point

Not available

Boiling point

Not available

Flammability

Not applicable, Non flammable.

Lower explosion limit

Not available

Upper explosion limit

Not available

Flash point

Not applicable

# CP 679 A

## Safety Data Sheet

according to the United Nations GHS (Rev. 9, 2021)

|   |                               |
|---|-------------------------------|
| Auto-ignition temperature                       | Not available                 |
| Decomposition temperature                       | Not available                 |
| pH  | 5.7 – 6.5                     |
| pH solution                                     | Not available                 |
| Viscosity, kinematic (calculated value) (40 °C) | Not available                 |
| Partition coefficient n-octanol/water (Log Kow) | Not available                 |
| Vapour pressure                                 | Not available                 |
| Vapour pressure at 50°C                         | Not available                 |
| Density   | 1.28 – 1.42 g/cm <sup>3</sup> |
| Relative density                                | Not available                 |
| Relative vapour density at 20°C                 | Not available                 |
| Solubility                                      | Not available                 |
| Viscosity, dynamic                              | 22000 – 34000 mPa.s           |
| Particle size                                   | Not applicable                |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

|                |                |
|----------------|----------------|
| Molecular mass | Not determined |
|----------------|----------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions. Not established.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). 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. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Acute toxicity (oral)             | Not classified                  |
| Acute toxicity (dermal)           | Not classified                  |
| Acute toxicity (inhalation)       | Not classified                  |
| Skin corrosion/irritation         | Not classified<br>pH: 5.7 – 6.5 |
| Serious eye damage/irritation     | Not classified<br>pH: 5.7 – 6.5 |
| Respiratory or skin sensitisation | Not classified                  |
| Germ cell mutagenicity            | Not classified                  |
| Carcinogenicity                   | Not classified                  |
| Reproductive toxicity             | Not classified                  |
| STOT-single exposure              | Not classified                  |
| STOT-repeated exposure            | Not classified                  |
| Aspiration hazard                 | Not classified                  |

# CP 679 A

## Safety Data Sheet

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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 - general   | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | Not classified  |

#### 12.2. Persistence and degradability

| CP 679 A                      |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

#### 12.3. Bioaccumulative potential

| CP 679 A                  |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

#### 12.4. Mobility in soil

| CP 679 A         |                                     |
|------------------|-------------------------------------|
| Mobility in soil | No additional information available |

#### 12.5. Other adverse effects

|                       |                                     |
|-----------------------|-------------------------------------|
| Ozone                 | Not classified                      |
| Other adverse effects | No additional information available |
| Other information     | Avoid release to the environment.   |

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

|  |   |
|--|---|
| Waste treatment methods                    | Dispose in a safe manner in accordance with local/national regulations.   |
| Product/Packaging disposal recommendations | Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| Ecology - waste materials                  | Avoid release to the environment.   |

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

| ADR                              | IMDG           | IATA           | RID            |
|----------------------------------|----------------|----------------|----------------|
| 14.1. UN number                  |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name    |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) |                |                |                |
| Not applicable                   | Not applicable | Not applicable | Not applicable |





# CP 679 A

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| Full text of H-statements: |  |
|----------------------------|--|
| H400                       | Very toxic to aquatic life                           |
| H410                       | Very toxic to aquatic life with long lasting effects |

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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.