



# CFS-T EMC

## Safety Data Sheet

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

Issue date: 10/09/2020

Revision date: 10/09/2020

Supersedes: 02/24/2017

Version: 4.0

### SECTION 1: Identification

#### 1.1. Identification

|              |                    |
|--------------|--------------------|
| Product form | Mixture            |
| Product name | CFS-T EMC          |
| Product code | BU Fire Protection |

#### 1.2. Recommended use and restrictions on use

|                 |                                          |
|-----------------|------------------------------------------|
| Recommended use | Lubricants, Greases and Release Products |
|-----------------|------------------------------------------|

#### 1.3. Supplier

|                                                                                                                                                                               |                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supplier</b><br>Hilti, Inc.<br>Legacy Tower, Suite 1000<br>7250 Dallas Parkway<br>Plano, TX 75024 - USA<br>T +1 9724035800<br>1-800-879-8000 toll free - F +1 918 254 0522 | <b>Department issuing data specification sheet</b><br>Hilti AG<br>Feldkircherstraße 100<br>Schaan, 9494 - Liechtenstein<br>T +423 234 2111<br><a href="mailto:chemicals.hse@hilti.com">chemicals.hse@hilti.com</a> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 1.4. Emergency telephone number

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

### SECTION 2: Hazard(s) identification

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

##### GHS-US classification

Not classified

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

##### GHS US labelling

No labelling applicable

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

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

# CFS-T EMC

## Safety Data Sheet

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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

### 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 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 skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                                                                       |
| 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. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion    | Get medical advice/attention. Rinse mouth. 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 | Irritation: severely irritant to eyes. Based on available data, the classification criteria are not met. |
| Symptoms/effects                                    | Not expected to present a significant hazard under anticipated conditions of normal use.                 |

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

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

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Suitable extinguishing media   | Water spray. Dry powder. Foam. Carbon dioxide. 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 equipment and precautions for fire-fighters

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

# CFS-T EMC

## Safety Data Sheet

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

### 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.

Emergency procedures Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. 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

Methods for cleaning up Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials.

#### 6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

### 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.

Hygiene measures Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

#### 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. Keep only in the original container in a cool, well ventilated place away from :

Incompatible products Strong bases. Strong acids.

Incompatible materials Sources of ignition. Direct sunlight.

Storage temperature 41 – 77 °F

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

CFS-T EMC

No additional information available

#### 8.2. Appropriate engineering controls

Environmental exposure controls Avoid release to the environment.

# CFS-T EMC

## Safety Data Sheet

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

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

#### Personal protective equipment:

Protective clothing. Safety glasses. Gloves. Avoid all unnecessary exposure.

#### Hand protection:

Wear protective gloves.

#### Eye protection:

Chemical goggles or safety glasses

| Type           | Use | Characteristics |
|----------------|-----|-----------------|
| Safety glasses |     |                 |

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

No respiratory protection needed under normal use conditions

#### 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                             | Liquid                         |
| Appearance                                 | Pasty.                         |
| Colour                                     | Grey Silver                    |
| Odour                                      | characteristic                 |
| Odour threshold                            | Not determined                 |
| pH                                         | No data available              |
| Melting point                              | No data available              |
| Freezing point                             | No data available              |
| Boiling point                              | No data available              |
| Flash point                                | > 100 °C                       |
| Relative evaporation rate (butylacetate=1) | No data available              |
| Flammability (solid, gas)                  | Not applicable. Non flammable. |
| Vapour pressure                            | No data available              |
| Relative vapour density at 20 °C           | No data available              |
| Relative density                           | No data available              |
| Density                                    | 1.23 g/cm <sup>3</sup>         |

# CFS-T EMC

## Safety Data Sheet

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

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Molecular mass                                  | Not determined      |
| Solubility                                      | insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | No data available   |
| Auto-ignition temperature                       | No data available   |
| Decomposition temperature                       | No data available   |
| Viscosity, kinematic                            | No data available   |
| Viscosity, dynamic                              | No data available   |
| Explosive limits                                | No data available   |
| Explosive properties                            | No data available   |
| Oxidising properties                            | No data available   |

### 9.2. Other information

No additional information available

## 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 |
| Serious eye damage/irritation     | Not classified |
| Respiratory or skin sensitisation | Not classified |
| Germ cell mutagenicity            | Not classified |
| Carcinogenicity                   | Not classified |

# CFS-T EMC

## Safety Data Sheet

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

|                                                     |                                                                                                          |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 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 | Irritation: severely irritant to eyes. Based on available data, the classification criteria are not met. |
| Symptoms/effects                                    | Not expected to present a significant hazard under anticipated conditions of normal use.                 |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Ecology - general | Harmful to aquatic life.                           |
| Ecology - water   | Harmful to aquatic life with long lasting effects. |

### 12.2. Persistence and degradability

| CFS-T EMC                     |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Persistence and degradability | May cause long-term adverse effects in the environment. Not established. |

### 12.3. Bioaccumulative potential

| CFS-T EMC                 |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

|                   |                                   |
|-------------------|-----------------------------------|
| Other information | Avoid release to the environment. |
|-------------------|-----------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|                                            |                                                                                                                                                                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods                    | Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                         |
| 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 / RID / IMDG / IATA / ADN

# CFS-T EMC

## Safety Data Sheet

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

| ADR                                     | IMDG                                                           | IATA                                  | RID                                   |
|-----------------------------------------|----------------------------------------------------------------|---------------------------------------|---------------------------------------|
| <b>14.1. UN number</b>                  |                                                                |                                       |                                       |
| Not applicable                          | Not applicable                                                 | Not applicable                        | Not applicable                        |
| <b>14.2. UN proper shipping name</b>    |                                                                |                                       |                                       |
| Not applicable                          | Not applicable                                                 | Not applicable                        | Not applicable                        |
| <b>14.3. Transport hazard class(es)</b> |                                                                |                                       |                                       |
| Not applicable                          | Not applicable                                                 | Not applicable                        | Not applicable                        |
| <b>14.4. Packing group</b>              |                                                                |                                       |                                       |
| Not applicable                          | Not applicable                                                 | Not applicable                        | Not applicable                        |
| <b>14.5. Environmental hazards</b>      |                                                                |                                       |                                       |
| Dangerous for the environment :<br>No   | Dangerous for the environment :<br>No<br>Marine pollutant : No | Dangerous for the environment :<br>No | Dangerous for the environment :<br>No |
| No supplementary information available  |                                                                |                                       |                                       |

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Rail transport

No data available

### 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

# CFS-T EMC

## Safety Data Sheet

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

### EU-Regulations

#### National regulations

No additional information available

### 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

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

|                   |                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision date     | 10/09/2020                                                                                                                                                                                                                                                                    |
| Data sources      | REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |
| Other information | None.                                                                                                                                                                                                                                                                         |

Indication of changes:

Composition/information on ingredients.

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.*