

CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Issue date: 10/09/2020

Revision date: 10/09/2020

Supersedes: 10/24/2017

Version: 4.0

SECTION 1: Identification

1.1. Product identifier

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

1.2. Recommended use and restrictions on use

Recommended uses and restrictions	For professional users only
Recommended use	Lubricants, Greases and Release Products

1.3. Supplier

Supplier Hilti (Canada) Corp. 2360 Meadowpine Boulevard L5N 6S2 Mississauga, Ontario - Canada T +1905 8139200 1-800-363-4458 toll free - F +1 905 813 9009	Department issuing data specification sheet Hilti AG Feldkircherstraße 100 9494 Schaan - Liechtenstein T +423 234 2111 chemicals.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)
------------------	---

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Not classified

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

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 schedule 1, item 3 of the Hazardous Products Regulations.

CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

SECTION 4: First-aid measures

4.1. Description of first aid measures

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.
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).

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

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

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	Treat symptomatically.
-----------------------------------	------------------------

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide. Sand.
------------------------------	--

5.2. Unsuitable extinguishing media

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

5.3. Specific hazards arising from the hazardous product

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

5.4. 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials 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.
-------------------------	--

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

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	5 – 25 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Environmental exposure controls Avoid release to the environment.

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.

CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

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
Relative evaporation rate (butylacetate=1)	No data available
Relative evaporation rate (ether=1)	No data available
Molecular mass	Not determined
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 100 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable, Non flammable.
Vapour pressure	No data available
Vapour pressure at 50 °C	No data available
Relative density	No data available
Density	1.23 g/cm ³
Solubility	insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	No data available
Explosive limits	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions. Not established.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use. Not established.
Conditions to avoid	None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. fume. Carbon monoxide. Carbon dioxide.
Hardening time:	No additional information available

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

CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
	Not classified
STOT-repeated exposure	
Aspiration hazard	Not classified
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.
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

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

Ozone	Not classified
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.

CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Ecology - waste materials

Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

14.6. Special precautions for user

Overland transport

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. National regulations

CFS-T EMC	
Canada DSL & NDSL Flags	All components of this product are listed, or excluded from listing, on the Canadian Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

15.2. International regulations

No additional information available

SECTION 16: Other information

Issue date 10-09-2020
 Revision date 10-09-2020
 Supersedes 10-24-2017

Indication of changes:

Section	Changed item	Change	Comments
			recipe change



CFS-T EMC

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

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.

SDS_CA_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.