

CP 617 / CP 619

Safety Data Sheet

According to GB/T 17519-2013 and GB 30000

Version:3.2

Revision date: 2024/12/16

Issue date: 2024/12/16

Supersedes: 2022/03/03

SECTION 1 Chemical product and company identification

Product identifier

Product form	Mixture
Product name	CP 617 / CP 619
Product code	BU Fire Protection
Chemical Chinese name	
Chemical English name	
Recommended use of the chemical	Firestop putty pad / stick / cable disc

Details of the supplier of the safety data sheet

Supplier Hilti (China) Ltd. 8F, Tower 2, No.58 Yao Yuan Rd. Pudong District 200126 Shanghai - China T +86 21 6016 7316	Department issuing data specification sheet Hilti AG Feldkircherstraße 100 9494 Schaan - Liechtenstein T +423 234 2111 product.compliance-fire.protection@hilti.com
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Emergency telephone number

Emergency number	Emergency CONTACT (24-Hour-Number) GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
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Country	Organisation/Company	Address	Emergency number
China	中国境内化学事故应急咨询电话 / chemical accident emergency consultation service hotline (24/7)		+86 532 83889090

SECTION 2 Hazards identification

Emergency overview

Treat symptomatically. Under normal conditions of storage and use, hazardous decomposition products should not be produced. The product is non-reactive under normal conditions of use, storage and transport

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GHS hazard classification

Other hazards not mentioned above are Not applicable or No data is available.

Label elements

No data available

Physical and chemical hazards

No additional information available

Health hazards

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use
Symptoms/effects after eye contact	None under normal conditions, Dust from this product may cause eye irritation
Symptoms/effects after ingestion	None under normal conditions
Symptoms/effects after inhalation	Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure, Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard
Symptoms/effects after skin contact	None under normal conditions, Dust may cause irritation in skin folds or by contact in combination with tight clothing

Environmental hazards

No additional information available

Other hazards

No additional information available

SECTION 3 Composition/information on ingredients

Product form Mixture.

This mixture does not contain any substance to be mentioned according to the criteria of section 3 of GB/T 17519-2013

SECTION 4 First-aid measures

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	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water
First-aid measures after eye contact	Obtain medical attention if pain, blinking or redness persists.

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First-aid measures after ingestion	Rinse eyes with water as a precaution Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell
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Most important symptoms/effects

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use
Symptoms/effects after eye contact	None under normal conditions Dust from this product may cause eye irritation
Symptoms/effects after ingestion	None under normal conditions
Symptoms/effects after inhalation	Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard
Symptoms/effects after skin contact	None under normal conditions Dust may cause irritation in skin folds or by contact in combination with tight clothing

Advices for first aid responders

No additional information available

Notes for the doctor

Other medical advice or treatment	Treat symptomatically
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SECTION 5 Fire-fighting measures

Extinguishing media

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

Specific hazards

Fire hazard	No fire hazard
Hazardous decomposition products in case of fire	Carbon dioxide Carbon monoxide
Explosion hazard	No direct explosion hazard

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Advice for firefighters and protective 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 Do not enter fire area without proper protective equipment, including respiratory protection
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection Do not attempt to take action without suitable protective equipment Self-contained breathing apparatus Complete protective clothing

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures	Notify authorities if product enters sewers or public waters Absorb spillage to prevent material damage.
Personal Precautions, Protective Equipment and Emergency Procedures	No additional information available

For non-emergency personnel

Protective equipment	Wear recommended personal protective equipment
Emergency procedures	Ventilate spillage area Evacuate unnecessary personnel

For emergency responders

Protective equipment	Do not attempt to take action without suitable protective equipment Equip cleanup crew with proper protection For further information refer to section 8: "Exposure controls/personal protection"
Emergency procedures	Ventilate area Evacuate unnecessary personnel

Environmental precautions

Avoid release to the environment
Prevent entry to sewers and public waters

Methods and material for containment and cleaning up

Methods for cleaning	No additional information available
For containment	Using a clean shovel, put the material in a dry container and cover without compressing it

Prevention measures for secondary accidents

Prevention Measures for Secondary Accidents	No additional information available
Other information	Dispose of materials or solid residues at an authorized site

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SECTION 7 Handling and storage

Handling

Precautions for safe handling	Ensure good ventilation of the work station Wear personal protective equipment Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product
Local and general ventilation	No additional information available
Additional hazards when processed	Not expected to present a significant hazard under anticipated conditions of normal use

Storage

Storage conditions	Store at ambient temperature
Technical measures	Keep in a cool, well-ventilated place away from heat
Material used in packaging/containers	No additional information available
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Storage temperature	-5 - 40 °C
Packaging materials	Store always product in container of same material as original container

SECTION 8 Exposure controls / Personal protection equipment

Occupational exposure limits

No additional information available

Biological limit values

No additional information available

Monitoring methods

No additional information available

Appropriate engineering controls

Ensure good ventilation of the work station

Personal protective equipment

Personal protective equipment	Avoid all unnecessary exposure Protective goggles Wear protective gloves Protective clothing
Environmental exposure controls	Avoid release to the environment.
Other information	Do not eat, drink or smoke during use

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Hand protection

Wear suitable gloves tested to EN374
 Suitable for short-term work or as a splash guard:
 Nitrile rubber gloves (> 0.1 mm)
 In case of permanent product contact:

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves.	Nitrile rubber (NBR).	6 (> 480 minutes).	>0,4		

Eye protection

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)



SECTION 9 Physical and chemical properties

Physical state	Solid
Appearance	Pasty
Colour	red
Odour	characteristic
Odour threshold	Not determined.
pH	Not relevant
Melting point	No data available
Freezing point	Not applicable
Boiling point	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Flammability	Non flammable.
Vapour pressure	No data available
Relative vapour density at 20° C	No data available
Density	1.6 g/cm ³
Solubility	No data available
Solubility in water	Insoluble
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	Not applicable
Explosive limits (vol %)	Not applicable
Lower explosion limit	No data available
Upper explosion limit	No data available
Radioactive	No

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SECTION 10 Stability and reactivity

Chemical stability	Not established
Reactivity	The product is non-reactive under normal conditions of use, storage and transport
Possibility of hazardous reactions	Not established
Conditions to avoid	Direct sunlight. Extremely high or low temperatures
Incompatible materials	Strong acids Strong bases
Hazardous decomposition products	fume Carbon monoxide Carbon dioxide
Other properties	No additional information available

SECTION 11 Toxicological information

Acute toxicity

Acute toxicity (oral)	No data available
Acute toxicity (dermal)	No data available
Acute toxicity (inhalation)	No data available

Skin corrosion/irritation

Skin corrosion/irritation	No data available
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pH	Not relevant
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Serious eye damage/eye irritation

Serious eye damage/irritation	No data available
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pH	Not relevant
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Respiratory or skin sensitisation

Respiratory or skin sensitisation	No data available
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Germ cell mutagenicity

Germ cell mutagenicity	No data available
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Carcinogenicity

Carcinogenicity	No data available
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Reproductive toxicity

Reproductive toxicity	No data available
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STOT - single exposure

STOT-single exposure No data available

STOT - repeated exposure

STOT-repeated exposure No data available

Aspiration hazard

Aspiration hazard No data available

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Viscosity, kinematic Not applicable

Density 1.6 g/cm³

SECTION 12 Ecological information

Ecotoxicity

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) No data available

Hazardous to the aquatic environment, long-term (chronic) No data available

No additional information available

Persistence and degradability

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Persistence and degradability Not established

Bioaccumulative potential

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Bioaccumulative potential Not established

Mobility in soil

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Bioaccumulative potential Not established

Other adverse effects

Classification procedure (Ozone) No data available

Other information Avoid release to the environment.

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SECTION 13 Disposal considerations

Waste treatment methods	Dispose in a safe manner in accordance with local/national regulations, Dispose of contents/container in accordance with licensed collector's sorting instructions.
Contaminated container and packaging	No additional information available
Additional information	Do not re-use empty containers.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations Disposal must be done according to official regulations
Ecological information	Avoid release to the environment.
Sewage disposal recommendations	Disposal must be done according to official regulations
Regional waste regulation	Disposal must be done according to official regulations

SECTION 14 Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
14.1. UN number or ID number			
Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

Overland transport
Not regulated

Transport by sea
Not regulated

Air transport
Not regulated

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Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15 Regulatory information

New Chemical Substance Environmental Management Registration Measures (MEE Order 12 of 2020)

Inventory of Existing Chemical Substances in China (IECSC) Listed

Regulations on the Safe Management of Hazardous Chemicals (Decree 591 of the State Council)

Catalogue of Hazardous Chemicals (2015) Not listed

Identification of major hazard installations for dangerous chemicals (GB 18218) Not listed

Catalogue of Severely Restricted Toxic Chemicals Not listed

Catalogue of Explosive Precursor Dangerous Chemicals Not listed

Catalogue of Hazardous Chemicals Prohibited from Inland Waterway Transport Not listed

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases

Catalogue for Classification of Hazardous Factors of Occupational Diseases Not listed

List of Highly Toxic Substances Not listed

Regulations on Administration of Chemicals Subjected to Supervision and Control

Catalogue of Controlled Chemicals Not listed

Regulation on the Administration of Precursor Chemicals (Decree 445 of the State Council)

Catalogue of Precursor Chemicals Not listed

Regulations on Administration of Ozone Depleting Substances (Decree 573 of the State Council)

List of Ozone-Depleting Substances under Control in China Not listed

Other domestic regulatory lists

List of Export Control of Chemical Agents and Related Equipment and Technologies Not listed

List of Goods Prohibited from Export or Import Not listed

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Inventory of Hazardous Chemicals under Key Supervision Not listed

SECTION 16 Other information

SDS Reason for revision general update
 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

Abbreviations and acronyms	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit



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VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N. O. S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Other information None

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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.