

Base

Creation Date	01.01.2024	Version number	1.1
Revision date	01.03.2024		

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Base

Substance/Mixture

mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against Mixture's intended use

Product for impregnation and reinforcement of cement, cement-lime, gypsum, gypsum-cardboard and similar substrates. Suitable for water-dilutable thermal insulation paints, both on substrates inside and outside buildings.

Mixture uses advised against

Do not use the product in any way other than those specified in Section 1.

1.3. Data on the supplier of the safety data sheet

Manufacturer

Name or trade name

FCOM Spółka z ograniczoną odpowiedzialnością

Address

Węglowa 14, Czechowice-Dziedzice, 43-502

Poland

REGON

384892624

TIN

PL6381839670

Telephone

+48 732 970 200

Email

biuro@fcom.pro

Website address

www.fcom.pro

Competent person responsible for the safety data sheet

Name

FCOM Spółka z ograniczoną odpowiedzialnością

Email

biuro@fcom.pro

1.1. Emergency telephone number

European emergency number: 112

SECTION 2: Hazard Identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

2.2. Label elements

Supplemental information

EUH208

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

2.1. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

Base

Creation Date	01.01.2024	Version number	1.1
Revision date	01.03.2024		

SECTION 3: Composition/information on ingredients

3.2. Mixture

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Name of the substance	Content in % by weight	Classification according to Regulation (EC) No 1272/2008	Comments
CAS: 7440-22-4 EC: 231-131-3	silver	<0.005	Aquatic Acute 1 H400 Aquatic Chronic 1 H410	1, 2
Index: 613-167-00-5 CAS: 55965-84-9	reaction mass 5-chloro-2-methyl-2H-izotiazol-3-onu i 2-Okaylo-2H-izotiazol-3- onu (3:1)	<0,0015	Acute Tox. 3, H301 Acute Tox. 2, H310+H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 Specific concentration limit: Eye Irrit. 2, H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A, H317: C ≥ 0,0015 % Skin Irrit. 2, H315: 0,06 % ≤ C < 0,6 % Skin Corr. 1C, H314: C ≥ 0,6 % Eye Dam. 1, H318: C ≥ 0,6 %	3

Comments

- 1 A substance with a nationally defined maximum concentration in the working environment.
- 2 A substance with an EU-level maximum concentration in the working environment.
- 3 Note B: Some substances (acids, bases, etc.) are placed on the market in the form of aqueous solutions of different concentrations and therefore these solutions require different classification and labelling as hazards change at different concentrations. In Part 3, the entries with Note B have a general designation of the following kind: 'nitric acid ... %'. In this case, the supplier must indicate the percentage concentration of the solution on the label. Unless otherwise indicated, the percentage concentration is assumed to have been calculated based on the weight ratio.

The full wording of all classifications and H-phrases is given in Section 16.

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Take care of your own safety. If you have any medical problems or if you are not sure, tell your doctor and give him or her the information in this safety data sheet.

If inhaled

Immediately stop exposure, move the victim to fresh air.

If on skin

Remove contaminated clothes.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

4.2. Rinse out the mouth with clean water. In the event of issues, find medical help

If inhaled

Base

Creation Date	01.01.2024		
Revision date	01.03.2024	Version number	1.1

Not expected.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Not expected.

4.1. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

European Union

Commission Directive 2000/39/EC

Name of substance (ingredients)	Type	Value	Comments
metallic silver [CAS 7440-22-4]	OEL 8 hours	0.1 mg/m ³	

8.1. Exposure controls

Observe general health and safety rules. Do not eat, drink or smoke while working. Wash your hands thoroughly before and after a break. Avoid contact with eyes and skin. General and/or local ventilation must be provided in the workplace in order to keep the concentrations of pollutants in the air below the established limit values.

Eye or face protection

Wear sealed safety goggles in case of danger of eye contamination in accordance with EN 166

Skin care

Base

Creation Date	01.01.2024	Version number	1.1
Revision date	01.03.2024		

Wear chemical-resistant protective gloves in accordance with EN 374. The material for the gloves should be selected individually at the workplace. In case of short-term contact, wear protective gloves with efficacy level 2 or higher (breakthrough time > 30 minutes). In case of prolonged contact, use protective gloves with efficacy level 6 (breakthrough time > 480 minutes). Wear protective clothing. When using protective gloves in contact with chemical products, it is important to remember that the performance levels and corresponding breakthrough times do not represent the actual duration of protection at the workplace, as this protection is affected by many factors, such as temperature, exposure to other substances, etc. It is recommended to replace the gloves immediately if there are any signs of wear, damage or changes in appearance (color, elasticity, shape). The manufacturer's instructions must be followed not only for the use of gloves, but also for cleaning, maintenance and storage. It is also important to remove the gloves correctly so as to avoid contaminating your hands while doing so.

Respiratory protection

For normal and intended use, respiratory protection is not required. If the permissible concentrations are exceeded, a protective mask with a suitable vapour absorber should be used.

Heat hazard

No data available.

Environmental Exposure Control

Prevent direct discharge into sewer/surface water. Surface waters and drainage ditches must not be contaminated with chemicals or used packaging. Released product or uncontrolled discharges into surface water must be reported to the relevant authorities in accordance with national and local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	white
color intensity	transparent
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	100 °C
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	7-9 (undiluted)
Kinematic viscosity	data not available
Solubility in water	easily dissolvable in cold water
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	1 g/cm ³
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid

9.1. Other information

not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Under normal conditions, the product is stable.

10.3. Possibility of dangerous reactions

Unknown.

10.4. Conditions to avoid

In the case of normal use, the product is stable, there is no decomposition. Protect against flames, sparks, overheating

Base

Creation Date	01.01.2024		
Revision date	01.03.2024	Version number	1.1

and frost.

10.5. Non-conforming materials

Protect against strong acids and bases, as well as oxidizing substances.

10.6. Dangerous decomposition products

In the case of ordinary use, they do not arise. At high temperatures and during fires, hazardous products such as carbon monoxide and carbon dioxide are produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data are available for the mixture.

Acute toxicity

Based on the available data, it does not meet the criteria for classification.

Skin corrosion/irritation

Based on the available data, it does not meet the criteria for classification. **Serious eye damage/eye irritation** Based on available data, does not meet the criteria for classification.

Respiratory or skin sensitisation

Based on the available data, it does not meet the criteria for classification.

Germ cell mutagenicity

Based on the available data, it does not meet the criteria for classification.

Carcinogenicity

Based on the available data, it does not meet the criteria for classification.

Reproductive toxicity

Based on the available data, it does not meet the criteria for classification.

Specific target organ toxicity – single exposure

Based on the available data, it does not meet the criteria for classification.

Specific target organ toxicity – repeated exposure

Based on the available data, it does not meet the criteria for classification.

Aspiration Hazard

Based on the available data, it does not meet the criteria for classification.

11.2. About other threats

The mixture does not contain endocrine disrupting substances according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Environmental Information

12.1. Toxicity

Do not allow to get into sewage, ditches and other watercourses.

12.1. Durability and decomposability

No data available

12.2. Bioaccumulative capacity

No data available.

12.3. Mobility in soil

No data available.

12.4. Results of PBT and vPvB properties assessment

The product does not contain substances that meet the criteria for PBT or vPvB substances according to Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.5. Endocrine disrupting properties

The mixture does not contain endocrine disrupting substances according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.6. Other harmful effects

No data available.

SECTION 13: Waste Management

13.1. Waste disposal methods

Base

Creation Date	01.01.2024		
Revision date	01.03.2024	Version number	1.1

Danger of environmental contamination, follow the O.J. Act. 2013, item 21 on waste and implementing regulations on waste disposal. Follow applicable waste disposal regulations. Store the unused product and soiled packaging in closed waste collection vessels and hand them over for disposal to a person authorised to dispose of waste (a specialist company) who is authorised to carry out such activities. Do not pour unused product down the drain. Do not dispose of with municipal waste. Empty packaging can be used for energy in a waste incineration plant or collected in a landfill with appropriate classification. Perfectly cleaned packaging can be recycled.

Legal regulations in the field of waste management

Waste Act of 14 December 2012 (Journal of Laws of 8 January 2013, item 21). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste. Directive 94/62/EC on packaging and packaging waste. Regulation of the Minister of the Environment of 9 December 2014 on the waste catalogue (Journal of Laws of 2014, item 1923). Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Journal of Laws of 2020, item 10).

SECTION 14: Transportation Information

14.1. UN number or ID number

is not subject to transport regulations

14.2. Correct UN shipping name

Not relevant

14.3. Transport hazard class(s)

Not relevant

14.4. Packing group

Not relevant

14.5. Environmental hazards

Not relevant

14.6. Special precautions for users

15 Reference in the Sections 4 to 8.

14.1. Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

not available

SECTION 16: Other Information

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan



SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

Base

Creation Date	01.01.2024		
Revision date	01.03.2024	Version number	1.1

EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.