



SAFETY DATA SHEET ARTICLE

Date of issue: 08.01.2024

VERSION: 1.0/EN

Prepared in accordance with the REACH
Regulation (EC) No 1907/2006

In accordance with Regulation (WE) No. 1970/2006 (REACH), as amended by Regulation (UE) 2020/878

1 SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

General Information: Due to the form [Mineral wool board] and the intended use of the product, in accordance with Article 3(3) of Regulation (EC) No 1907/2006 (REACH), this product is classified as an article. The provision of a safety data sheet for this product is not mandatory, as the clauses within Article 31 of this regulation do not apply to articles. The company INTUSEAL Sp. z o.o. has committed to providing its customers with relevant information for the safe use and handling of its articles.

REACH Status: ARTICLE: as per article 3/3 of EC 1907/2006 (REACH). Article: Refers to an object which during production is given a special shape, surface, or design, which more than its chemical composition, determines its function.

1.1 Product identifier

INTU FR UNIBOARD

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Fire rated intumescent coat. Mineral wool board coated with INTU FR UNICOAT P paint. Intended for industrial and professional use.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

INTUSEAL Sp. z o.o.

Ul. Kineskopowa 1,

05-500 Piaseczno, Poland

Telephone: +48 22 354 69 64

E-mail of the responsible person for the safety data sheet: office@intuseal.com

1.4 Emergency telephone number

112 (emergency telephone number). 998 (Fire Brigade), 999 (Medical Rescue Service).

2 SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical and chemical hazards:

The product is an article, therefore the requirements for classification according to Regulation (EC) No 1272/2008 as amended do not apply.

Health hazards

The product is an article, therefore the requirements for classification according to Regulation (EC) No 1272/2008 as amended do not apply.

Environmental hazards:

The product is an article, therefore the requirements for classification according to Regulation (EC) No 1272/2008 as amended do not apply.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram

Not applicable.

Signal word:

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.



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2.3 Other hazards

The INTU FR UNIBOARD product, in accordance with the criteria of the REACH Directive, is an article that does not emit any hazardous components into the environment during use.

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Duty to Communicate Information on Substances in Articles [Article 33 of EC 1907/2006 (REACH)]: **INTUSEAL Sp. z o.o. confirms** that none of the articles contain substances listed in Annex XIV of the REACH Regulation (Regulation (EC) No 1907/2006).

Furthermore, the articles do not contain substances listed in Annex XVII of EC 1907/2006 (REACH) [Restrictions on the manufacture, placing on the market, and use of certain dangerous substances, mixtures, and articles].

3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable.

3.2 Mixtures:

Mineral wool board coated with INTU FR UNICOAT P paint.

4 SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If dust from processing (e.g., cutting, grinding) the board is inhaled, move the affected person to fresh air. If symptoms of respiratory irritation occur, seek medical advice.

Skin Contact: In case of skin contact with dust or edges of the board, wash the affected area with plenty of water. If mechanical skin damage or irritation occurs, seek medical consultation.

Eye Contact: If dust or particles from the board get into the eyes during processing, immediately rinse eyes with plenty of water for at least 15 minutes, and then seek medical advice.

Ingestion: Ingestion of dust or particles is unlikely, but in case of accidental ingestion, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: During the processing (e.g., cutting, shaping) of the product, the dust generated may irritate the respiratory system.

Skin Contact: Can cause mechanical damage to the skin, leading to irritation.

Eye Contact: The processing of the product might lead to eye irritation, watering, and stinging.

Ingestion: Ingestion is unlikely due to the physical form of the product.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically.

5 SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide, extinguishing powder, extinguishing foam, water spray.

Unsuitable extinguishing media:

Water jet – risk of fire propagation.

5.2 Special hazards arising from the substance or mixture

During the combustion, toxic gases may be generated, such as carbon monoxide, organic vapors, etc. Do not inhale combustion products, it may cause health risk.



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5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Do not let extinguishing water to reach drainage system, surface water and groundwater. Collect used extinguishing media.

6 SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Handle in accordance with good occupational hygiene and safety practices. Restrict access to unauthorized persons to the accident area until the completion of the appropriate cleaning operations. In the case of large leaks, isolate the affected area. Avoid direct contact with the released product. Avoid inhaling vapors. Use personal protective equipment. Avoid contact with eyes and skin. Provide adequate ventilation.

For emergency responders

Ensure that breakdown and its results are only trained personnel. Use personal protective equipment.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Collect mechanically. Collected material should be reused or treated as a waste.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

For mechanical processing: Wear appropriate protective equipment. Provide adequate ventilation, and local exhaust as needed. Avoid generation of dust. Do not breathe dust.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place at a temperature not exceeding room temperature. Store in a well-ventilated place. Avoid direct sunlight. Take precautions to prevent electrostatic discharge. **For mechanical processing:** Avoid generation of dust. Do not breathe dust

7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

8 SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

In the case of product processing [cutting, grinding]:

Titanium dioxide [13463-67-7]			
Limit value - Eight hours		Limit value - Short term	
ppm	mg/m ³	ppm	mg/m ³
Belgium	10		
Denmark	6 total dust	12 total dust	
France	11 inhalable aerosol		
Germany (DFG)	0,3 (1)(2)	2,4 (1)(2)(3)	
Ireland	10 (1)		



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	4 (2)	
Latvia	10	
New Zealand	10 (1)	
Norway	5	
Poland	10 (1)	
Romania	10	15 (1)
Spain	10 (1)	
Sweden	5 inhalable aerosol	
Switzerland	3 respirable aerosol	
United Kingdom	10 inhalable aerosol	
	4 respirable aerosol	
Remarks		
Germany (DFG)	(1) Respirable fraction, except ultrafine particles (2) Multiplied by the material density (3) 15 minutes average value	
Ireland	(1) Inhalable fraction (2) Respirable fraction	
Poland	(1) Inhalable fraction	
Romania	(1) 15 minutes average value	
Spain	(1) Inhalable fraction	

Recommended control procedures

Procedures concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace – if they are available and justified for the position – in accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Use the product in accordance with good occupational hygiene and safety practices. Ensure adequate ventilation of the area where the product is used and stored.

8.2.2 Individual protection measures, such as personal protective equipment

Individual protection measures, such as personal protective equipment.

The necessity to use and selection of appropriate personal protective equipment should take into account the type of risk created by the product, conditions at the workplace and the manner of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards.

Respiratory Protection: During processing activities such as cutting or grinding, it is recommended to use a dust mask or respirator to avoid inhaling dust. Ideally, this should be a mask with a P2 filter class or higher.

Skin Protection: Wear protective gloves, preferably made of cut-resistant material, to protect hands from mechanical damage and contact with dust. Additionally, wearing protective clothing that covers as much of the body as possible is advised.

Eye Protection: Use safety glasses or a face shield during processing to protect eyes from dust and particles. Ideally, these should be glasses with side shields or a full face shield.

Hearing Protection: If the processing generates noise (e.g., during cutting), use hearing protection such as earplugs or earmuffs to safeguard your hearing.

Ventilation: Adequate ventilation should be ensured in processing areas to minimize dust concentration in the air. Local exhaust systems can be used if necessary.

General protection and hygiene measures

Avoid generation of dust. Do not breathe dust. When using do not eat, drink or smoke. Wash hands before breaks and after work.



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8.2.3 Environmental exposure controls

Avoid release of large amounts of the product to groundwater, drainage system or soil.

9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Solid. Mineral wool board.
Colour:	White.
Odour:	Odorless
Melting point/freezing point:	Not available.
Boiling point or initial boiling point and boiling range:	Not available.
Flammability:	Reaction to fire rating: E
Lower and upper explosion limit:	Not determined.
Flash point:	Not determined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH:	Not determined.
Kinematic viscosity:	Not determined.
Solubility:	Insoluble in water.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density:	Not determined.
Relative vapour density:	Not determined.
Particle characteristics:	Not determined.

9.2 Other information

9.2.1 Information with regard to physical hazard classes

No additional test results.

9.2.2 Other safety characteristics

No additional test results.

10 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 recommended storage and usage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 SECTION 11: TOXICOLOGICAL INFORMATION



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

Acute Toxicity:

Based on available data, the classification criteria for the Article are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria for the Article are not met.

Serious eye damage/irritation:

Based on available data, the classification criteria for the Article are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria for the Article are not met.

Germ cell mutagenicity

Based on available data, the classification criteria for the Article are not met.

Carcinogenicity

Based on available data, the classification criteria for the Article are not met.

Reproductive toxicity

Based on available data, the classification criteria for the Article are not met.

STOT-single exposure:

Based on available data, the classification criteria for the Article are not met.

STOT-repeated exposure:

Based on available data, the classification criteria for the Article are not met.

Aspiration hazard

Based on available data, the classification criteria for the Article are not met.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation: During the processing (e.g., cutting, shaping) of the product, the dust generated may irritate the respiratory system.

Skin Contact: Can cause mechanical damage to the skin, leading to irritation.

Eye Contact: The processing of the product might lead to eye irritation, watering, and stinging.

Ingestion: Ingestion is unlikely due to the physical form of the product.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59 (1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

11.2.2 Other information

No data.

12 SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product toxicity

The product does not pose a threat to the environment. Under normal conditions of use, no known or anticipated environmental effects are identified.

In order to minimise long-term global pollution, this should be considered:

- Reducing the use of products and disposable packaging.
- Participation in recycling activities.
- Do not allow product to enter water, sewage or soil.

12.2 Persistence and degradability

Not specified for the product.

12.3 Bioaccumulative potential

Not specified for the product.



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12.4 Mobility in soil

Not specified for the product.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Endocrine disrupting properties

The product shall not contain ingredients included on the list established in accordance with Article 59(1) as having endocrine disrupting properties or ingredients with endocrine disrupting properties according to the criteria laid down in Regulation 2017/2100/EU or Regulation 2018/605/EU in concentrations equal to or greater than 0.1%.

12.7 Other adverse effects

Not specified for the product.

13 SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal methods for the product: dispose in accordance with applicable regulations. Do not introduce into drains. Residues store in sealed, steel containers. .

Disposal methods for used packing: reuse/recycle/eliminate empty containers in accordance with the local legislation. Only completely emptied packaging can be recycled.

Legal basis: Directive 2008/98/EC, 94/62/EC.

14 SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

The product is not subject to the regulations concerning the transport of dangerous goods contained in ADR (road transport), RID (rail transport), IMDG (marine transport), ICAO/IATA (air transport).

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

None (non-environmentally hazardous acc. to the dangerous goods regulations).

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

15 SECTION 15: REGULATORY INFORMATION

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

Other legislation:

1. **Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission



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- 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 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 (Text with EEA relevance) as amended.
 - Commission Regulation (EU) No 2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
 - Commission Regulation (EU) No 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).
 - Directive 2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
 - European Parliament and Council Directive **94/62/EC** of 20 December 1994 on packaging and packaging waste as amended.
 - Regulation (EU) 2016/425** of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Text with EEA relevance).

15.2 Chemical safety assessment

The supplier has not assessed chemical safety It is not required for the article.

16 SECTION 16: OTHER INFORMATION

Safety Data Sheet made by: **Feed Reach Consulting** www.frc.com.pl

Composed by: mgr Małgorzata Krenke

H (hazard) phrases specified in point 2 and 3 hereof:

Not applicable.

Explanation of returns

ATE	Acute Toxicity Estimate
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN	European Committee for Standardisation
C&L	Classification and Labelling
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS#	Chemical Abstracts Service number
CMR	Carcinogen, Mutagen, or Reproductive Toxicant
CSA	Chemical Safety Assessment
DNEL	Derived No Effect Level
DPD	Dangerous Preparations Directive 1999/45/EC
ECHA	European Chemicals Agency
EC-Number	EINECS and ELINCS Number (see also EINECS and ELINCS)
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Substances
ELINCS	European List of notified Chemical Substances
GHS	Globally Harmonized System
IATA	International Air Transport Association
ICAO-TI	Technical Instructions for the Safe Transport of Dangerous Goods by Air



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IMDG	International Maritime Dangerous Goods
IMSBC	International Maritime Solid Bulk Cargoes
IUCLID	International Uniform Chemical Information Database
IUPAC	International Union for Pure Applied Chemistry
Know	octanol-water partition coefficient
LC50	Lethal Concentration to 50 % of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
LoW	List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
MSDS	Material Safety Data Sheet
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic substance
PEC	Predicted Effect Concentration
PNEC(s)	Predicted No Effect Concentration(s)
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific Target Organ Toxicity
(STOT) RE	Repeated Exposure
(STOT) SE	Single Exposure
SVHC	Substances of Very High Concern
UFI	Unique Formula Identifier
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative

Training

Prior to working with the product you should be familiar with safety rules for handling the chemicals, in particular take proper workplace training.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.