

Safety Data Sheet - CASOPRANO suspended ceiling panels

Date of issue: 08.01.2018

Safety Data Sheet prepared in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015

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

1.1. Product identifier

CASOPRANO suspended ceiling panels

Applies to panels:

Casoroc;

Casostar;

Casobianca.

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

Recommended uses:

Plasterboard panels for suspended ceilings. Casoprano panels are produced on the basis of a GK board with a thickness of 8 mm, cutting process is carried out on 600x600 or 600x1200 mm forms and painting / surface billing. They are used for making ceiling suspended ceilings in rooms with a relative humidity not exceeding 90%. Due to its most recommended properties for offices, hotels, commercial facilities, education and healthcare. The product complies with the PN-EN 14190 standard.

Uses advised against:

All other uses than the above.

1.3. Details of the supplier of the safety data sheet:

Distributor:

SAINT-GOBAIN Construction Products Polska Sp. z o.o.

ul. Okrężna 16

44-100 Gliwice

Tel. +48 32 339 63 00

Faks +48 32 339 64 44

www.rigips.pl

Address e-mail person responsible for safety data sheet: marek.stachyra@saint-gobain.com

1.4 Emergency telephone number:

Telephone: +48 42 657 99 00

e-mail: alarm@imp.lodz.pl

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Classification of the mixture in accordance with Regulation (EC) No1272/2008.

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

2.2. Label elements

Pictogram Void

Signal word Void

Hazard Statements:_Void

Precautionary Statements:_Void

2.3. Other hazards:

Results of BPT and vPvB assessments: No data.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applied.

3.2. Mixture

Panels based on natural gypsum and non-recycled paper. Panels painted with calcium carbonate based paint (CAS: 1317-65-3) and titanium dioxide (CAS: 13463-67-7) not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

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Calcium sulphate

Content:

CAS-Nr: 7778-18-9

EC-Nr: 231-900-3

Index-Nr: -

REACH-Nr: -

Smiles: S(=O)(=O)([O-])[O-].[Ca+2]

Substance not classified as dangerous

SECTION 4: First aid measures:

4.1. Description of first aid measures:

After inhalation

Ensure supply of fresh air. In case of shortage of breath, provide oxygen. If unconscious place in recovery position and seek medical advice

After skin contact

Wash off immediately with soap and water. In case of skin irritation contact a dermatologist. Wash contaminated clothing before re-use.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water or using a flask containing sterile sodium chloride solution for at least 15 minutes, holding the eyelids apart. In all cases of doubt or when symptoms persist, seek medical attention.

After ingestion

Taking into account the product form (plate), swallowing is an unlikely route of exposure.

4.2. Most important symptoms and effects, both acute and delayed:

No specific symptoms or effects have been reported.

4.3 Identification of any immediate medical attention and special treatment needed

Not applicable.

Recommendations for a doctor:

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. The fire classement of product is A2. Use an extinguishing agent suitable for the surrounding fire. Foam, dry powder, water spray jet, carbon dioxide(CO₂).

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture:

The product is not flammable. At very high temperatures, over 700°C, thermal decomposition products are produced, including sulphur oxides. Exposure to decomposition products may be hazardous to health. Do not inhale fumes and gases generated during a fire. See also section 10.

5.3. Advice for fire-fighters:

Fire fighters should always wear fireproof suit and open-circuit self-contained compressed air breathing apparatus in case of fire in closed area.

Prevent leakage and water used for extinguishing to cause pollution of watercourses by enclosing and covering drains.

Fire residues and contaminated fire-fighting water must be disposed of in accordance within the local regulations
Dispose of extinguishing media in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For individuals that are not part of emergency staff:

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Forbid unauthorized access to the place of contamination.

For emergency staff:

Avoid contact with eyes and skin. Use protective goggles and gloves. Do not inhale dust. Do not smoke. Ensure adequate ventilation, especially in confined spaces. Follow protective measures given in Section 7 and 8.

6.2. Environmental precautions:

It is not likely that the product would enter the environment, but if it does, it is necessary to prevent it from reaching watercourses, drainage systems and the soil. In case of larger environmental contamination by this product, inform local authorities.

6.3. Methods and material for containment and cleaning up:

Collect the released product mechanically into a tightly closed and labelled waste container for reuse or disposal in accordance with applicable regulations. Clean contaminated surfaces thoroughly. Remove contaminated product residues as directed in section 13.

6.4. Reference to other sections:

Protective equipment and clothing - see section 8.

Disposal of waste - see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Ensure adequate ventilation. Wear protective clothing and gloves. Do not inhale the dust. It is advisable to take precautions to avoid contact with skin and eyes when working with the product. Do not eat, drink, smoke or store food in workrooms. Immediately remove contaminated clothing and wash before reuse. Wash hands during breaks and after work. Panels can be transported using a forklift. Individual panels can be moved vertically. Use personal protective equipment in accordance with Section 8. Observe the instructions applicable when working with chemical agents.

Information on fire and explosion protection:

There are no special recommendations. Standard fire procedures.

7.2. Conditions for safe storage, including incompatibilities:

Store on a flat surface. Protect against water and moisture. Do not store with food, drinks and feed.

7.3 Specific end use(s):

There is no further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Poland

Gypsum dust containing free crystalline silica below 2% and not containing asbestos (CAS: 7778-18-9).

Inhalable fraction

TLV/TWA - 10 mg/m³; STEL- not established; Ceiling- not established.

Silica (CAS: 14808-60-7)

Dust containing free (crystalline) silica from 2% to 50%

Inhalable fraction

TLV/TWA – 4 mg/m³; STEL- not established; Ceiling- not established.

Respirable fraction

TLV/TWA – 1 mg/m³; STEL- not established; Ceiling- not established.

Dust containing free (crystalline) silica above 50%

Inhalable fraction

TLV/TWA – 2 mg/m³; STEL- not established; Ceiling- not established.

Respirable fraction

TLV/TWA – 0,3 mg/m³; STEL- not established; Ceiling- not established.

Calcium carbonate (CAS: 471-34-1)

Inhalable fraction

TLV/TWA - 10 mg/m³; STEL- not established; Ceiling- not established.

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Biological exposure indices of the substance - the components of the product in the biological material
Not established.

DNEL – Derived No-Effect Level

Calcium sulphate (CAS: 7778-18-9). Data for workers.

Route of exposure	Duration	Results	DNEL
Inhalativ	Short-term	Systemic	5082 mg/m ³
Inhalativ	Long-term		21,17 mg/m ³
Data for consumers			
Oral	Short-term	Systemic	11,4 mg/kg body weight per day
Oral	Long-term	Systemic	1,25 mg/kg body weight per day
Inhalativ	Short-term	Systemic	3811 mg/m ³
Inhalativ	Long-term	Systemic	5,29 mg/m ³

PNEC – Predicted No-Effect Concentration.

Calcium sulphate (CAS: 7778-18-9).

Environmental compartment	PNEC
Sewage treatment plant	100 mg/L

8.2. Exposure controls



Appropriate technical control measures:

In production conditions, apply adequate general ventilation in the room and the local at the workplace. Do not inhale the dust. Do not eat, drink or smoke during use. In the case of insufficient ventilation, use respiratory protection. Observe the general rules and regulations of health and safety in the handling of chemicals. Avoid contact with eyes and skin. Use personal protective equipment and equipment in accordance with Directive 89/686 / EEC. In conditions where exposure cannot be eliminated by engineering or technical measures or are ineffective, use additional personal protective equipment.

Individual protection measures, such as personal protective equipment:

The use of personal protective equipment. Personal protective equipment should meet the relevant standards.

Respiratory protection:



In conditions of insufficient ventilation, in conditions of exposure to concentrations greater than the values of maximum allowable concentrations in the working environment air, use appropriate respiratory protection, e.g. P1 class respirators or mask with P2 dust filter.

Respiratory protection should be marked with a 4-digit CE number. Consult a specialist for selection of appropriate respiratory protection.

Eye protection:



In industrial conditions, use tightly fitting safety glasses (EN 166).

Hand protection:



Use appropriate protective gloves in industrial conditions. meeting the requirements of the EN 374 standard. Choosing the right gloves does not only depend on the material, but also on the brand and quality resulting from

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the differences of manufacturers. Resistance of the glove material can be determined after testing. The manufacturer must determine the exact time of destruction of the gloves.

Body protection:



In industrial conditions, appropriate to the exposure when working with the product, wear loose protective clothing, impermeable, with long sleeves, aprons etc. and safety shoes..

General recommendations:

See also section 7. Ensure adequate ventilation. Wash hands before each break and after work. Wash contaminated protective gloves before taking them off. Do not eat, drink or smoke in the workplace. Avoid contamination of eyes and skin. Do not inhale product dust. Take off contaminated clothing and wash before reuse.

Thermal hazards:

Not applicable. See also section 2.3.

Control of environmental exposure: -

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Solid, panel
Odour	Odourless
Colour	White
Odour threshold	-
Melting temperature/range	No data. CaSO ₄ - 1450°C
Boiling temperature/range	Not applicable (solid)
Decomposition temperature (data for gypsum)	In CaSO ₄ x ½ H ₂ O and H ₂ O: about 140°C In CaSO ₄ and H ₂ O: about 700°C In CaO and SO ₃ : about 1000°C
Flash point	Not applicable (incombustible)
Solubility	No data
Auto ignition temperature	Not applicable

9.2 Other information

Purity class (particulate matter emission)	ISO 5 acc. to ISO 14644. Class 100 acc. to USA standard FS 209E
Density	6,20 kg/m ²

SECTION 10: Stability and reactivity

10.1 Reactivity:

Not applicable under recommended conditions of use and storage.

10.2 Chemical stability:

Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Not known under normal conditions of storage and use.

10.4 Conditions to avoid:

Avoid water and moisture relative above 90%.

10.5 Incompatible materials:

Not known.

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10.6 Hazardous decomposition products:

Sulphur oxides are produced at high temperatures over 1450°C.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance: Not applicable – mixture

Mixture: No data.

a) Acute toxicity

No data. The product is not classified as hazardous in this class.

b) Skin corrosion/irritation:

Gypsum dust causes the skin to dry. The use of protective gloves is recommended. The product is not classified as hazardous in this class.

c) Serious eye damage/irritation:

Gypsum dust may cause temporary irritation of the eyes and mucous membranes of the airways as a result of mechanical action.

The product is not classified as hazardous in this class.

d) Respiratory or skin sensitisation:

No data. The product is not classified as hazardous in this class..

e) Germ cell mutagenicity:

Based on the available data, the classification criteria are not met. The product is not classified as hazardous in this class.

f) Carcinogenicity:

Based on the available data, the classification criteria are not met. The product is not classified as hazardous in this class.

g) Reproductive toxicity:

Based on the available data, the classification criteria are not met. The product is not classified as hazardous in this class.

h) Target organ toxicity:

STOT-single exposure:

No data. Based on the available data, the classification criteria are not met. The product is not classified as hazardous in this class.

STOT-repeated exposure:

Based on the available data, the classification criteria are not met. The product is not classified as hazardous in this class.

i) Aspiration hazard:

No data. Based on the available data, the classification criteria are not met. The product is not classified as hazardous in this class.

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

Acute toxicity:

The product is not classified as hazardous in this class. See above and section 2.1.

Chronic toxicity:

The product is not classified as hazardous in this class

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity

There are no experimental data on the product as such. The product is not classified as hazardous to the environment.

Acute toxicity to fish

No data.

Acute toxicity to aquatic crustaceans

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No data.

Acute toxicity to algae

No data.

Chronic aquatic toxicity

No data available for the product.

Toxicity to micro organisms

No data available for the product

Toxicity to organisms in the terrestrial environment

No data available for the product.

Toxicity to the atmospheric environment

No data available for the product.

12.2. Persistence and degradability

The product is not biodegradable. It begins to decompose in a very acidic environment.

12.3. Bioaccumulative potential

No data for the product.

12.4. Mobility in soil

No data available for the product.

12.5. Results of PBT and vPvB assessment

No data available for the product.

12.6. Other adverse effects

No data.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal of the product

The generation of waste should be avoided or minimized wherever possible.

Clean plate remains can be used in the production of new boards. The disposal of this product should in any case comply with the requirements of environmental protection and legislation related to the disposal of waste, as well as with the requirements of local authorities. Do not allow contamination of surface and ground water.

Classification of product wastes

The manufacturer recommends the following classification of product waste:

European waste catalogue:

17 – Construction and demolition wastes (including excavated soil from contaminated sites)

17 08 – gypsum-based construction material

17 08 02 – gypsum-based construction materials other than those mentioned in 17 08 01

The recommended classification of waste depends on the conditions and place of use of the product. Taking into account the specific conditions of use of the product by the user, waste can be classified under certain circumstances.

Classification of packaging:

No data.

Waste disposal:

Dispose of waste and residues in accordance with local authority requirements.

Confirm disposal procedures with environmental engineer and local regulations..

SECTION 14: Transport information

The product is not classified as dangerous goods in terms of the international and national regulations on transportation.

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

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14.5. Environmental hazards: No.

Marine pollutant: No

14.6. Special precautions for user: No data.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable.

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 18 December 2006, 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, as amended.

Regulations in Poland:

Regulation of the Minister of Labor and Social Policy of 6 June 2014 on maximum permissible concentrations and intensities of factors harmful to the health in the work environment. Dz. U. 2014.817, as amended.

Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Dz. 05.259.2173).

Act of 14 December 2012 on waste (Dz.U 2013.211) as amended.

Regulation of the Minister of the Environment of 9 December 2014 on the waste catalog (Dz.U.2014.1923)

Act of 13 June 2013 on packaging and packaging waste management (Dz.U.2013.0.888) as amended.

Act of 25 February 2011 on chemicals and their mixtures as amended.

Authorizations:

There are no applicable authorizations and/or use restrictions for this product, beyond those specified elsewhere in this SDS or below. (EU regulations as specified remain as listed.)

Restrictions:

Chemical Weapons Convention List Schedule I Chemicals: Not listed

Chemical Weapons Convention List Schedule II Chemicals: Not listed

Chemical Weapons Convention List Schedule III Chemicals: Not listed

Information (Directive 1999/13/EC) on the limitation of emissions of volatile organic compounds (VOC):

Not applicable.

15.2. Chemical safety assessment

Chemical safety assessments for this mixture were not carried out.

SECTION 16: Other information

Reason of revision:

Actualisation in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015

The information contained in this safety data sheet is taken from the safety data sheet provided by the manufacturer and supplemented with Polish regulations.

Other sources of information:

IUCLID Data Bank (European Commission – European Chemicals Bureau)

ESIS - European Chemical Substances Information System (European Chemicals Bureau).

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, processing, transport and disposal. It is not a guarantee of product properties and no legal right is constituted. The classification according to Regulation (EC) No 1272/2008 is based on the evaluation of single components according Annex 6 of the Regulation (EC) No 1272/2008 and information of the supplier.

The MSDS is not an estimation of hazards in the workplace. The product should not be used for purposes other than those specified in section 1.

Date of last review: 08.01.2018.

End of safety data sheet