

## SAFETY DATA SHEET

In accordance with the Regulation of the Parliament and of the Council of Europe no. 1907/2006 and with Regulation no. 453/2010 of the European Parliament and of the Council on the registration, evaluation, authorization and restriction of chemicals (REACH) and subsequent amendments

### Plasterboard with a side on which gypsum plasters or suitable decorations can be applied HYDRO PLUS - TE 12.5 mm

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

##### 1.1. Identification of the substance, preparation, product, trade name:

Plasterboard SINIAT: NIDA HYDRO PLUS

##### 1.2. Use of the substance (product):

Inside, for interior applications in the constructions field: dry plaster, non-load-bearing walls, suspended ceilings.

##### 1.3. Manufacturer's identification / address:

ETEX BUILDING PERFORMANCE S.A  
Bucharest, 3rd district, VULTURILOR street,  
No. 98, 5-6th floor, Romania  
[www.siniat.ro](http://www.siniat.ro)

Working point address: Turceni Factory  
Siniat street, No.1, Turceni, Romania  
Phone: + 037 284 93 00  
Fax: + 037 284 93 01

##### 1.4. Emergency phone number

Emergency phone number: +037 284 93 00, on working days, between 9.00-17.00

#### 2. IDENTIFICATION OF DANGER LEVEL

This product is not included in the dangerous substances category. However, please read the security information from this data sheet.

##### 2.1 Product classification

###### Hazard symbol

NOT applicable. It does not require classification according to the hazard classes. This product doesn't require marking with hazard symbols.

##### 2.2 Danger to human/health

It is not considered a dangerous product.

##### 2.3 Danger for the environment

It is water-soluble. It disintegrates in contact with water.

### 3. COMPOSITION/ INFORMATION REGARDING COMPONENTS

#### 3.1. Chemical characterization of constituent substances:

Gypsum core: calcium sulphate dihydrate with low quantities of additives: starch, tensides, accelerators, fiberglass, silicone oil for moisture resistance.

Paper on the exterior.

According to SR EN 520+A1/2010, the content of organic additives is below 5%.

**CaSO<sub>4</sub> x2 H<sub>2</sub>O (x=0, 1/2, 2)**

**CAS-No:7778-18-9**

Impurities:

low quantities, of clay and limestone

Additional information:

VOC (Volatile Organic Compounds)

do not exist

This product does not contain free formaldehyde.

Apply the general norms of work safety, maintain the dust level below the occupational exposure limit values:

CAS-No	chemical formula	content	limit	limit in accordance to
7778-18-9	CaSO <sub>4</sub> *2H <sub>2</sub> O	>95% masice	5mg/m <sup>3</sup> *	N GPM/2002

\*maximum permitted concentration at workplace.

### 4. FIRST AID MEASURES

#### 4.1. First aid measures description



##### 4.1.1. General information

The product does not endanger life, health, safety at work and has no negative impact on the environment

##### 4.1.2. In case of inhalation:

· Not applicable.

##### 4.1.3. In case of skin contact:

There is no danger in case of skin contact. It is recommended to use protective gloves to avoid mechanical injury.

##### 4.1.4. In case of eye contact:

Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the lower and upper eyelids.

Seek medical advice immediately.

##### 4.1.5. In case of ingestion:

Rinse mouth with water.

Consume water in excess, and if the discomfort persists, seek medical attention.

Never give anything by mouth to an unconscious person.

Seek medical advice.

**4.1.6. Medical observations:**

No allergic reactions are known.

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

No specific symptoms or effects were reported

**4.3. Indications for immediate medical attention and special treatments required**

Not applicable.

**5. PREVENTION AND FIREFIGHTING MEASURES****5.1. Extinguishing media**

- Use any suitable means to extinguish fires, fire extinguishers with water, foam, carbon dioxide, dust or sand, non-combustible material are accepted.
- Unsuitable extinguishing media: None.

**5.2. Special hazards arising from the substance concerned:**

None.

**5.3. Advice for firefighters:**

- The product itself does not burn.
- Special protective equipment for firefighters: None.

**6. ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures:**

- Wear appropriate personal protective equipment.
- Avoid producing dust when cutting the boards; if, however, dust production occurs, ensure ventilation of the area.
- The boards will be handled using protective gloves.
- It is recommended that the boards be handled by two persons.

**6.2. Environmental precautions:**

It is forbidden to throw the product into the sewage system.

**6.3. Methods and materials for containment and cleaning up**

6.3.1. For isolating, the isolation methods recommended for solid state substances are used, they are mechanically collected in dry, solid state.

6.3.2. For cleaning up: wet vacuuming or sweeping is recommended to avoid spreading dust.

**7. HANDLING AND STORAGE****7.1. Precautions for safe handling****7.1.1. Safety measures:**

There are no special provisions if the product is handled correctly, according to the technical data sheet

**7.1.2. Avoid:**

- Producing dust when handling / cutting plates.

- Inhalation of the resulting dust / particles.
  - Eye contact.
- 7.1.3. Fire prevention measures:  
No special fire protection measures are required, the product does not burn.
- 7.1.4. Measures to prevent the production of aerosols and dust:  
If technically possible, use local ventilation and exhaust systems.
- 7.1.5. Necessary measures for environment protection:  
There are no special provisions if the product is used in accordance with the data sheet
- 7.1.6. Advice for general hygiene at workplace:
- Do not eat, drink or smoke in work areas.
  - Wash your hands after use.
  - Remove contaminated clothing and protective equipment before entering the dining area.

**7.2. Conditions for safe storage, including any incompatibilities**

- 7.2.1. Technical measures and storage conditions:  
The gypsum boards will be handled mechanically (only palletized) or manually (1-2 boards in vertical plane). It is recommended, that the manual handling of the plates, to be done by two people. In this case it is recommended to use protective gloves.
- 7.2.2. Requirements for storage rooms and boats:  
Gypsum boards will be stored on a flat, smooth surface, protected from moisture or excessive temperatures.
- 7.2.3. Indications regarding the storage assembly:  
Storage class: Non-combustible solids.
- 7.2.4. Additional information on storage conditions:  
Storage in accordance with the data sheet.

**7.3. Specific end use(s):**

For relevant uses identified in section 1, the recommendation mentioned in this section 7 should be followed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1. Control parameters**

Apply the general norms of labor protection, keep the dust level below the exposure limits of the occupational values

CAS-No	substance	limit	limit in accordance to
7778-18-9	Gypsum	5mg/m <sup>3</sup> respirable fraction	NGPM/2002

**8.2. Exposure controls**

Avoid generation and dispersion of dust in the air, by using dust suction tools, remove and wash dirty clothes.

**(a) Respiratory protection**

If the occupational exposure limit values for dust are exceeded, wear personal protective equipment in accordance with national regulations. It is necessary to wear at least P2 protective masks, in case of situations where a lot of dust is generated, we recommend wearing P3 type protective masks.

**(b) Skin protection**

Wear suitable protective equipment (protective gloves, protective equipment).

**(c) Eye and face protection**

In case of exposure to dust, above the permissible limit, or if there is any risk of direct contact with the eyes, wear goggles.

### 8.2.2. Environmental exposure controls



Do not throw into sewage. Material solid.  
Avoid penetration of the product into the sewage.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information according to basic physical and chemical properties

- Physical state: Solid
- Color: yellowish-white; light grey
- Smell: odorless
- pH (20 °C):
  - in delivery condition: not applicable
  - in aqueous solution (5%): approx. pH 7
- Density (kg/m<sup>3</sup>): 600-800
- Water solubility (20°C in g/l): cca. 2 g/l
- Self-ignition temperature: N/A
- Decomposition temperature (°C):
  - in CaSO<sub>4</sub> x ½ H<sub>2</sub>O and H<sub>2</sub>O cca. 140°C
  - in CaSO<sub>4</sub> and H<sub>2</sub>O cca. 700°C
  - in CaO and SO<sub>3</sub> cca. 1000°C
- Oxidizing properties: It does not oxidize

### 9.2 Relevant information on health, protection and the environment

- Melting point / freezing point: N/A.
- Boiling point: N/A.
- Ignition point: N/A
- Flammability: non-flammable.
- Upper / lower flammability or explosion limits: Not applicable
- Vapor pressure: N/A

### 9.3 Additional Information:

Non-flammable product

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Materials to avoid: Not known.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Mixing with an aqueous solution of sodium carbonate will result in the formation of carbon dioxide.

#### 10.4. Conditions to avoid

It does not produce dangerous reactions.

#### 10.5. Incompatible materials

No incompatible materials are known.

#### 10.6. Hazardous decomposition products

- Decomposition occurs with temperatures higher than: 1450°C

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects: Calcium sulphate (> 95% of the gypsum board composition)

- Acute dermal toxicity:  
No effect of dermal toxicity is expected due to the low absorption potential.
- Corrosive / irritating to skin:  
Not irritating
- Irritant / eye damage:  
Not irritating
- Respiratory or skin sensitization:  
Does not sensitize the skin
- Carcinogenicity:  
Calcium sulphate does not present any carcinogenic risk.
- Reproductive toxicity:  
No signs of reproductive toxicity were observed
- Germ cell mutagenicity:  
non-mutagenic  
Aspiration hazard
- No danger is expected in case of aspiration.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity (Calcium sulphate)

- Aquatic toxicity: harmless to fish, aquatic invertebrates, algae and microorganisms.
- The product can hydrolyze into calcium and sulphate ions.
- The declared effect may be partially caused by decomposition products.
- Ecological data were measured for the hydrolyzed product.

### 12.2. Persistence and degradability

- Biodegradation:
  - Methods for determining biological degradability are not valid for inorganic substances.
  - Inorganic product that cannot be removed from the water through biological cleaning processes.
- Physical and photochemical elimination:
  - - The product hydrolyzes rapidly in the presence of water in: Calcium and sulfate ions.
  - The individual components are difficult to remove from the water.
  - No photochemical elimination.

### 12.3. Bioaccumulative potential

- There are no signs of bioaccumulation potential.
- Ecological data were measured for the hydrolyzed product.

- According to experience, this product is inert and not biodegradable.

#### 12.4. Mobility in soil

- Water soluble solid.
- Natural constituent in soils.
- If the product enters the soil, it becomes mobile and can contaminate groundwater

#### 12.5. Results of PBT and vPvB assessment:

This substance does not meet the criteria for classification as PBT or vPvB.

#### 12.6. Other adverse effects:

According to the criteria of the European classification and labeling system, the substance / product must not be labeled as "dangerous for the environment".

### 13. DISPOSAL CONSIDERATIONS

- It is recommended to selectively collect the product and packaging waste, due to their different nature.
- Waste must be kept separate from other types of waste until recycling.
- Plaster board waste, not being an inert product, can be removed by storing it in pits specially designed for products of this type..
- Waste disposal will be done in accordance with regulations CE 75/442/CEE and 91/689/CEE in the corresponding versions and the law 249/2015 relating to waste and hazardous waste.

Marking waste generator packaging	Type	Code	Recyclable [yes/n]
N/A	construction materials based on plaster	17 08 02	YES
PAP 22	paper and cardboard packaging	15 01 01	YES
PAP 20	paper and cardboard packaging	15 01 01	YES
LDPE 4	plastic packaging	15 01 02	YES
HDPE 2	plastic packaging	15 01 02	YES
FOR 50	wooden packaging	15 01 03	YES

### 14. TRANSPORT INFORMATION

The product is not classified as dangerous from the perspective of transport regulations.

#### 14.1. UN number:

None.

#### 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.

**14.6. Special precautions for user:**

None.

**14.7. Transport in bulk in accordance with Annex II to MARPOL 73/78 and IBC code:**

Not applicable.

## 15. REGULATORY INFORMATION

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

UE regulations

- The product is not classified as dangerous according to the Regulation (CE) Nr 1272/2008 [EU-GHS/CLP]
- This product is not classified as dangerous according to 67/548/CEE
  - No special marking required.
  - The product does not present any danger.
  - It is a neutral material with a pH similar to human skin.

**15.2. Chemical Safety Assessment:**

Calcium sulphate does not fall under the classification of dangerous substances according to 2001/59 / EC.

Degree of water pollution: 1 (slightly polluting).

## 16. OTHER INFORMATION

- According to the existing regulations, it is not necessary to draw up a safety data sheet for this product; it is provided by us out of consideration for our customers.
- The data in this safety data sheet are based on our current knowledge and experience and describe the product in terms of security requirements.
- This safety data sheet is neither a Certificate of Analysis nor a technical data sheet and should not be considered a product specification.
- In addition to the information from the safety data sheet, we recommend consulting the technical data sheet.