



SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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

1.1 Product identifier

Płyta gipsowo-kartonowa NIDA Expert, NIDA Gięta, NIDA Woda, NIDA Woda Ogień Plus, NIDA Ogień Plus, NIDA Twarda, La Dura, Nida Flam Plus, NIDA Cicha, Nida Cicha typ A, Siniat Smart, Siniat Smart H, Siniat Smart F

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

Relevant identified uses: in construction for making wall and ceiling coverings, for construction of partition walls and for the prefabrication of building elements.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **Etex Poland Sp. z o. o.**

Address: ul. Przeclawska 8, 03-879 Warszawa, Poland

Telephone number: +48 41 357 82 03

E-mail address for a competent person responsible for msds: Justyna.Derlecka-Szydłowska@etexgroup.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

According to art. 2 of CLP product is defined as an article and it does not require classification.

2.2 Label elements

According to art. 2 of CLP product is defined as an article and it does not require labeling.

2.3 Other hazards

The components do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The product does not contain components with endocrine disrupting properties.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Plasterboards: contain calcium sulfate dihydrate [CAS 7778-18-9], lined with cardboard linings and nominal amounts of core modifying additives. The product contains crystalline silica [CAS 14808-60-7].

The product does not contain substances classified as hazardous or with occupational exposure limit values established on the Community level.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothing. Wash the contaminated skin thoroughly with plenty of water with soap. Consult a doctor if disturbing symptoms appear.

Eye contact: due to the product's form exposure by this route is usually not occur. However, in case of eye contamination with dust, wash the contaminated eyes thoroughly with water for at least 15 minutes with eyelids wide open. Avoid powerful water stream – risk of cornea damage. Protect the non-irritated eye, remove contact lenses. Consult an ophthalmologist if disturbing symptoms occur.



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Ingestion: exposure by this route is not occur. Consult a doctor if disturbing symptoms occur.

Inhalation: exposure by this route is not occur. However, in case of inhalation of the dust remove casualty to fresh air, keep the victim warm and calm. Consult a doctor, if disturbing symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: possible redness, skin dryness, burning sensation, mechanical irritation.

Eye contact: possible redness, tearing, burning sensation, blurred vision, mechanical irritation.

Ingestion: no reports of effects when properly used.

Inhalation: high concentration dust may cause irritation of the mucous membrane of respiratory tract, cough.

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. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: non-flammable product. Adapt the extinguishing media to surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire may produce harmful gases containing carbon oxides, calcium oxides, sulfur oxides, silicon oxides and other unidentified thermal decomposition products. Do not inhale combustion products, they can be dangerous for human health.

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. Cool the endangered containers with water spray from a safe distance. Collect used extinguishing media.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that only the trained personnel removes the effects of the accident. In case of large spills, isolate the exposed area. Use personal protective measures. Avoid contact with eyes and skin. Ensure adequate ventilation.

6.2 Environmental precautions

Do not allow the mixture to sewage system, ground and surface water. 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 released product mechanically and place it in properly labeled waste containers. Treat collected material as waste or reuse. Clean and ventilate contaminated area.

6.4 Reference to other sections

Personal protective equipment – see section 8. Appropriate conduct with waste product – section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke while working. Before break and after work wash hands. Avoid contact with skin and eyes. Use personal protective equipment. Ensure adequate ventilation of area, where the product is used. Do not inhale product's dusts. Use as intended.



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7.2 Conditions for safe storage, including any incompatibilities

Keep only in a dry, cool and well-ventilated area. Recommended relative humidity: < 70 %. Store on a flat, insulated surface and if the boards are supported on sleepers, these should be no more than 350 mm apart. Avoid stacking parcels when the temperature in the storage place drops below 0 °C. Keep away from food and animal feed. Do not store with incompatible materials (see subsection 10.5). Protect against weather conditions, contact with water and moisture.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

No occupational exposure limit values were established for the components of the mixture.

Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, 2019/1831/EU.

DNEL value

calcium sulfate [CAS 7778-18-9]

Workers:

Route of exposure	Exposure	Effect	DNEL value
inhalation	acute	systemic	5082 mg/m ³
inhalation	chronic	systemic	21,17 mg/m ³

Consument:

Route of exposure	Exposure	Effect	DNEL value
oral	acute	systemic	11,4 mg/kg b.w./day
oral	chronic	systemic	1,25 mg/kg b.w./day
inhalation	acute	systemic	3811 mg/m ³
inhalation	chronic	systemic	5,29 mg/m ³

8.2 Exposure controls

Appropriate engineering controls

Use the product in accordance with good occupational hygiene and safety practices. Avoid contact with eyes and skin. Do not eat, drink or smoke while working. Before break and after work wash hands carefully. Take off contaminated clothing and wash it before next use. Do not inhale product's dusts. Ensure adequate ventilation of area, where the product is used.

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 posed by the product, working conditions and the way of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand and body protection

Use protective gloves resistant to the product e.g. drill gloves (EN374). Material for gloves choose individually at the workplace. Wear protective clothing. Wear protective clothing, depending on the task being performed, according to the potential risk.



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The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed

Eye/face protection

Use adequate protective goggles (EN 166) in risk of eye contaminations.

Respiratory protection

Under normal conditions of use respiratory protection is not required. In case inadequate ventilation use respiratory protection with particulate filter e.g. P2.

Thermal hazards

Not applicable.

Environmental exposure controls

Avoid environment contamination, do not empty into drains. Possible emissions from the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	solid/plasterboard
Colour:	acc. to assortment
Odour	odourless
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	the product is not flammable
Lower and upper explosion limit:	not applicable
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	not applicable
Kinematic viscosity:	not applicable
Solubility:	not determined
Partition coefficient n-octanol/water (log value):	not applicable
Vapour pressure:	not applicable
Density and/or relative density:	not determined
Relative vapour density:	not applicable
Particle characteristics:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. It does not undergo hazardous polymerization. See also subsections 10.3 - 10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.



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10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid moisture.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

Not known under normal conditions of use.

Section 11: Toxicological information

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

Information on the acute and / or delayed effects of exposure have been identified on the basis of information on product classification and / or toxicological studies and the manufacturer's knowledge and experience.

Toxicity of components

calcium sulfate [CAS 7778-18-9]

LD₅₀ (oral, rat) 1581 mg/kg [OECD 420]

LC₅₀ (inhalation, rat) > 2,61 mg/l [OECD 403]

Toxicity of mixture

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Information on likely routes of exposure

Exposure route: eye exposure, skin exposure, inhalation, ingestion. For more information on the impact of each possible route of exposure, see subsection 4.2.

Symptoms related to the physical, chemical and toxicological characteristics

See subsection 4.2.



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

See subsection 4.2.

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain components with endocrine disrupting properties.

Other information

No data on other hazards.

Section 12: Ecological information

12.1 Toxicity

Toxicity of components

calcium sulfate [CAS 7778-18-9]

Toxicity for fish LC ₅₀	79 mg/l/96h [OECD 203]
Toxicity for daphnia EC ₅₀	> 2,61 mg/l/48h/ <i>Daphnia magna</i> [OECD 202]
Toxicity for algae EC ₅₀	79 mg/l/72h/ <i>Selenastrum capricornutum</i> [OECD 201]
Toxicity for microorganisms EC ₅₀	790 mg/l/3h [OECD 209]

Toxicity of mixture

Product is not classified as hazardous for the environment.

12.2 Persistence and degradability

Product is not biodegradable.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Components of the mixture do not meet the PBT or vPvP criteria.

12.6 Endocrine disrupting properties

The product does not contain components with endocrine disrupting properties.

12.7 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (e.g., endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Do not dispose of with municipal waste. Waste code should be given in the place of waste formation. Recommended waste code: unused product 17 08 02 [gypsum-based construction materials other than those mentioned in 17 08 01], used product: 17 09 04 [mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03]

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the legislation in force. Waste code should be given in the place of waste formation. Recommended waste code: 15 01 01 [paper and cardboard packaging], 15 01 02 [Plastic packaging].

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



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Section 14: Transport information

- 14.1 UN number or ID number**
Not applicable. Product is not classified as dangerous during 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**
Not applicable.
- 14.6 Special precautions for user**
Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments**
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 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 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 as amended.

European Parliament and of Council Directive 2008/98/EC 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.

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

IMDG Code International Maritime Dangerous Goods Code.

IATA Dangerous Goods Regulations.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Regulation (EU) No 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.

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).



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15.2 Chemical safety assessment

A Chemical Safety Assessment is not required.

Section 16: Other information

Clarification of aberrations and acronyms

PBT Persistent, Bioaccumulative and Toxic substance.
vPvB Very Persistent, very Bioaccumulative substance.

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and data sources

This sheet was prepared on the basis of on manufacturer's data, literature data, online databases, our knowledge and experience, taking into account the current legislation.

Other data

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Changes: section 1 - 16

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.