

Resin Pro srl Safety Data Sheet Naturesin

Safety Data Sheet dated 20/01/2023, version 3

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Mixture identification:

Trade name: Naturesin

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

Industrial syntetic Resin plaster base

1.3 Details of the supplier of the safety data sheet

Company:

Resin Pro S.r.l

Via 25 aprile z.i. snc - 19021 Arcola – ITALY

Tel.: +39 (0)187 955108

Competent person responsible for the safety data sheet:

office@resinpro.eu

1.4 Emergency telephone number

Use NHS 111 online (111.nhs.uk) or call 111 if you think you need medical help right now (<https://www.nhs.uk/nhs-services/urgent-and-emergency-care-services/when-to-use-111/>)

National Poisons Information Service (Birmingham Unit), ZIP/Postcode: B187QH, United Kingdom, Emergency number: 844 892 0111, (H24)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance on ingredients

According to Directive 1999/45/EC: not classified as dangerous

According to CLP-Regulation (EC) 1272/2008: not classified as dangerous

2.2 Label elements

According to Directive 1999/45/EC: not labelled as dangerous

According to CLP-Regulation (EC) 1272/2008: not labelled as dangerous

2.3 Other hazards

Dust – In high concentration may irritate respiratory system.

Skin – May cause dryness of skin when exposed for long time

3. Composition / information on ingredient

Ingredient	formula	CAS-Nr.	EC- Nr.	concentration
Calcium sulphate emihydrate	CaSO ₄ ·0,5H ₂ O	10034-76-1	231-900-3	>95% w/w

REACH registration number: 01-2119444918-26-0198

No classification according to regulation 67/548/EC and CLP- Directive (EU) 1278/2008

4 FIRST AID MEASURES

4.1 Description of first measures

General information

The product is not classified as dangerous. In case of skin irritation contact a dermatologist.

After eye contact

Wash eye with clean water. Seek medical advice if irritation persists.

After skin contact

Wash off immediately with soap and water

After inhalation

Remove person to fresh air. Ensure supply of fresh air

After ingestion

Drink plenty of water and seek medical advice

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, Bring this document if you contact a doctor.

Naturesin

Page n. 1 of 4

Resin Pro srl

Safety Data Sheet

Naturesin

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Non combustible. Use extinguishing media appropriate for surrounding fire

5.2 Special hazards arising from the mixture

The products are fire resistant, but packaging may burn.

5.3 Advice for fire fighters

Product hardens in contact with water

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution, protective equipment and emergency procedures

Avoid contact with eyes and skin. Use protective goggles and gloves. See Sections 7 and 8.

6.2 Environmental precautions

Keep out of drains, sewers, ditches and waterways. Minimise use of water to prevent contamination.

6.3 Methods and material for contained and clearing up

Scoop up material and place in a disposal container.

Take up spilled product in dry condition. Product hardens in contact with water.

6.4 Reference to other sections

Protective measures in section 8. Disposal measures in section 13.

7 HANDLING AND STORAGE

7.1 Precautions for a safe handling

Avoid contact with skin and eyes. Minimise and control dust when mixing products in confined spaces

7.2 Condition for safe storage, including any compatibilities

Store in a covered, dry, climate controlled area. Keep container closed. Keep out of children.

7.3 Specific end use

Industrial Molding Gypsum Plaster – see section 1.2.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Total inhalable for CaSO₄-TWA: 5mg/m₃

8.2 Exposure controls / personal protection

General protective and hygiene measures

Do not eat or drink during work. Avoid contact with eyes and skin. Minimise and control dust.

Respiratory protection

If dust cannot be controlled wear a half face mask conforming to EN 140

Skin protection

Wear gloves to avoid prolonged or repeat contact

Eye protection

Wear safety goggles conforming to EN 166

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<i>Appearance</i>	Powder
<i>Colour</i>	White
<i>Odour</i>	Odourless
<i>Decomposition temperature</i>	CaSO ₄ + H ₂ O about 140°C CaO + SO ₃ about 1000°C
<i>Bulk density</i>	0,7 ÷ 1,3 gr/cm ₃ (at 20 °C)
<i>Solubility in water</i>	circa 1,5 gr/litro (at 20 °C)
<i>PH Value</i>	6 ÷ 8 (at 20 °C)
<i>Lower Flammability Limit</i>	Not applicable
<i>Upper Flammability Limit</i>	Not applicable

9.2 Other information

None

Resin Pro srl

Safety Data Sheet

Naturesin

10 STABILITY AND REACTIVITY

10.1 Reactivity

Products harden with water. No materials to avoid known.

10.2 Chemical stability

Keep dry. Stable under normal storage 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

Stable if stored in dry conditions.

10.5 Incompatible materials

None identified.

10.6 Hazardous decomposition products

Decomposition takes place from temperatures above 1000 °C in calcium oxide and sulfur dioxide.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No toxicological test has been completed on the product itself

LD/LD50 Calcium Sulphate, main component

Acute oral toxicity:	LD50 oral rat > 1581 mg/kg - according to guideline OECD 420
Acute inhalative toxicity:	LD50 oral rat > 2,61 mg/L - according to guideline OECD 403
Skin irritation:	No irritation for rabbit - according to guideline OECD 404

Sensitization

No effect anticipated. Not hazardous by OSHA criteria.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Keep out of drains, sewers, ditches and waterways.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Keep out of drains, sewers, ditches and waterways. Wastes from gypsum are normally classified as not hazardous. Do not co-dispose with municipal waste, but dispose at an authorized site in accordance with local Environmental Regulations. In EC use European Waste Code 17 08 02. Not contaminated packaging can be recycled.

14 TRANSPORT INFORMATION

Not classified as dangerous in terms of transport regulations (IMDG, ADR, RID, IACO/IATA)

14.1 NU number

Not to apply

14.2 NU proper shipping name

Not to apply

14.3 Transport hazard class

Not to apply

14.4 Packing group

Not to apply

Naturesin

Page n. 3 of 4

Resin Pro srl Safety Data Sheet Naturesin

14.5 Environmental hazard

Not to apply

14.6 Special precaution for users

Not to apply

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not to apply

15 REGULATION INFORMATION

15.1 Safety, health and environment regulations/legation specific for the mixture

This Safety Data Sheet complies with Regulation (EC) 1907/2006 – (REACH)

National Regulations:

Italy *Decreto Legislativo n. 81/2008*

Users must observe the measures of their own workplace health and safety risk assessment.

Regarding personal protection devices, see Section 8.

15.2 Chemical safety assessment

No safety assessment has been accomplished on the product itself.

16 OTHER INFORMATION

As the conditions or methods of use are beyond our control, RESIN PRO SRL SRL does not assume any responsibility and disclaim any liability for any use of the material. The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable state and local laws and regulations.

RESIN PRO SRL SRL makes no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded.

This product is manufactured under a quality system certified as conforming with ISO 9001.

This SdS is a translation of the Italian version and refers to the legal requirements in Italy

16.1 List of modify

This Safety data Sheet has been modified to comply with:

- Regulation (EC) nr. 1907/2006 (REACH)
- Regulation (EC) nr. 1272/2008 (CLP)

16.2 Abbreviations and Acronyms

TWA:	Time Weighted Average
LD50:	Median Lethal Dose
OECD:	Organisation for Economic Cooperation and Development
PBT:	Persistent, Bioaccumulative, Toxic chemical
vPvB:	very Persistent, very Bioaccumulative chemical
IMDG:	International Maritime Dangerous Goods
ADR:	Agreement on the transport of Dangerous goods by Road
RID:	Regulations on the International transport of Dangerous goods by Rail
IATA:	International Air Transport Association