

## Safety Data Sheet

– In compliance to regulation (CE) 1272 - 2008 –  
– Regulation (CE) n. 1907/2006 (REACH) –



### 1. IDENTIFICATION OF PRODUCT AND MANUFACTURER

1.1	Commercial name	:	<b>DRYNEX</b>
1.2	Product and Use	:	Construction plaster for general use Restoration plaster for damp or deteriorated walls <b>SU13, PC9a, PROC2, ERC2</b>
1.3	Company name	:	Delta Phoenix s.r.l. Via XXV Aprile n.15 25030 Maclodio, Brescia - Italy
	1.3.1 Phone	:	+39-030-978241
	1.3.2 Fax	:	+39-030-9973964
	1.3.3 E-Mail	:	<a href="mailto:info@deltaphoenix.it">info@deltaphoenix.it</a>
1.4	Emergency number	:	+39-030-978241 (8h – 12.30h // 13.30 – 17.00h)
1.5	Information provided	:	Elsa Bosetti ( <a href="mailto:ebosetti@deltaphoenix.it">ebosetti@deltaphoenix.it</a> )

### 2. IDENTIFICAZIONE DEI PERICOLI

2.1	Risk classification	:	Not hazardous
2.2	Indications of specific risk for man and the environment	:	Not hazardous
2.3	Classification system	:	The product has no obligations of classification on the basis of the calculation method of directive 1999/45/CE and Regulation (CE) 1272- 2008. Nonetheless, Delta Phoenix s.r.l., in compliance with the safety standards in which it operates, feels it useful to review and distribute this document in order to inform clientele that the product is not harmful. The particles that compose it are not highly classified; therefore within exposition limits established by ACGIH.
2.4	GHS label components	:	Noot pertinent

Calcium aluminate reacts with water and hardens. The reaction is exothermic and generates localized temperature increase. If a considerable amount of material is used simultaneously, the temperature sharply increases and there is a risk of contracting burns. This, however, is not the proper use of the material. According to the thickness advised (2-4 cm) it is well-below risk threshold.

### 3. COMPOSITION/INFORMATION ON COMPONENTS

3.1	General description	:	There are no health-hazardous substances contained, in compliance with directive 67/548/CEE or following modifications.
3.2	Mix composition	:	
	3.2.1 Aluminum oxide	:	N.CAS 1344-28-1, N.CE 215-691-6, TLV-TWA (total powders) 10mg/m <sup>3</sup> , TLV-TWA (breathable powders) 3mg/m <sup>3</sup> (particles not classified otherwise, ACGIH 2009) [ $< 40\%$ ]
	3.2.3 Calcium aluminate	:	N.CAS 65997-16-2, N.CE 266-045-5, TLV-TWA (total powders) 10mg/m <sup>3</sup> , TLV-TWA (breathable powders) 3mg/m <sup>3</sup> (particles not classified otherwise, ACGIH 2009) [ $< 70\%$ ]

#### 4. FIRST AID MEASURES

4.1	General Indications	:	No specific action required
4.2	First aid measures		
4.2.1	Inhalation	:	Take to a well-ventilated area. Consult a doctor in case of pain and feeling of illness.
4.2.2	Skin contact	:	The product is not irritating to the skin, however, it is advised to wash with plenty of soap and water
4.2.3	Eye contact	:	Wash under running water for several minutes while keeping eye well-open.
4.2.4	Ingestion	:	Contact a doctor if symptoms of illness persist.

#### 5. FIRE-PREVENTIVE MEASURES

5.1	Flammable temperature of product	:	Non-flammable product
5.2	Fire-extinguishers advised (in case the product is involved in fires)	:	CO <sub>2</sub> , powder or vaporized water
5.3	Fire-extinguishers prohibited (in case product is involved in a fire)	:	None in particular
5.4	Combustion risks (in case product is involved in a fire)	:	Don not breathe the fumes
5.5	Means of protection	:	No particular means required

#### 6. MEASURES IN CASE OF ACCIDENTAL DISPERSION

6.1	Individual precautions	:	In case of powder/vapor dispersion, employ respiratory protection that complies with regulation EN149:2001.
6.2	Environmental precautions	:	Avoid spilling into the sewer system and bodies of water.
6.3	Reclamation methods	:	Collect by mechanical means, for subtle powders employ a suction system.
6.4	Additional information	:	No hazardous substances emitted.

#### 7. HANDLING AND WAREHOUSING

7.1	Handling precautions	:	Avoid aerosol formation. Do not drink or eat while working.
7.2	Storing precautions	:	Keep in dry areas.

#### 8. EXPOSURE CONTROL/ INDIVIDUAL PROTECTION

8.1	Preventive measures	:	Properly ventilate area in which product is stored and/ or handled.
8.2	Respiratory protections	:	In absence of aspiration systems that ensure powder concentrations below exposure limits, a respiratory protection is required
8.3	Hand guards	:	Not necessary.
8.4	Eye protection	:	Not necessary.
8.5	Skin protection	:	Not necessary.
8.6	Exposure limit to substances contained		
8.6.1	Aluminum oxide	:	N.CAS 1344-28-1, N.CE 215-691-6, TLV-TWA (total powders) 10mg/m <sup>3</sup> , TLV-TWA (breathable powders) 3mg/m <sup>3</sup> (particles not classified otherwise, ACGIH 2009)
8.6.2	Calcium aluminate	:	N.CAS 65997-16-2, N.CE 266-045-5, TLV-TWA (total powders) 10mg/m <sup>3</sup> , TLV-TWA (breathable powders) 3mg/m <sup>3</sup> (particles not classified otherwise, ACGIH 2009)

#### 9. CHEMO-PHYSICAL PROPERTIES

9.1	Aspect and color	:	Solid white
9.2	Odor	:	Odorless
9.3	pH	:	Not applicable (in case of dispersion in water it confers the same an alkaline PH).
9.4	Melting point	:	Not applicable
9.5	Boiling point	:	Not applicable
9.6	Burning point	:	Not applicable
9.7	Flammability	:	Non-flammable product
9.8	Explosive properties	:	Not applicable

9.9	Combustion properties	:	Not applicable
9.10	Vapor pressure	:	Not applicable
9.11	Relative density	:	1000 – 1200 Kg/m <sup>3</sup>
9.12	Solubility	:	Weakly soluble in water
9.13	Partition coefficient n-octanol/water	:	Not applicable
9.14	Viscosity	:	Not applicable
9.15	Vapor density	:	Not applicable
9.16	Evaporation speed	:	Not applicable

## 10. STABILITY AND REACTIVITY

10.1	Conditions to avoid	:	the product is stable if used accordingly to the indications provided in the specific technical form
10.2	Materials to avoid	:	None in particular
10.3	Dangerous reactions	:	The product reacts with water to yield an exothermic reaction
10.4	Hazardous decomposition products	:	No hazardous decomposition product noted.

## 11. INDICAZIONI TOSSICOLOGICHE

11.1	Local effect		
11.1.1	Eyes	:	Eye-contact can cause irritation
11.1.2	Skin	:	Skin contact can cause irritation/rashes
11.1.3	Inhalation	:	Can cause irritation to respiratory pathways
11.1.4	Ingestion	:	Can cause irritation to the mucosa membrane
11.2	Long-term effects		
11.2.1	Eyes	:	No information available
11.2.2	Skin	:	No information available
11.2.3	Inhalation	:	No information available
11.2.4	Ingestion	:	No information available

## 12. ECOLOGICAL INDICATION

12.1	Use accordingly to work practices. Avoid dispersal into the environment and, especially, in bodies of water
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## 13. DISPOSAL INDICATIONS

13.1	Product	:	Do not dispose with household waste. Do not release into the sewers. Seek an authorized company of special waste disposal. Respect national law on waste. (Law 152/06 and modifications, part IV).
13.2	Contaminating packaging	:	Disposal in compliance to Law 152/06 and modifications, part IV).

## 14. TRANSPORTATION INFORMATION

14.1	Not classified as hazardous materials by the international transportation regulations
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## 15. INFORMATION RELATIVE TO REGULATIONS

15.1	Classification according to CE directive	:	The product is classified and coded in accordance to the calculation method of directive 1999/45/CE modified by regulation (CE) 1272-2008 and amendments.
15.2	Classification	:	None (Not Hazardous)
15.3	Jabel symbol	:	Classified as not hazardous
15.4	Risk warning (R) / Hazard warning (H)	:	None
15.5	Safety warning (S) / Precautions (P)	:	Though the product is not hazardous, the following safety warnings still stand: S 22: do not breathe powders (P 260: Do not breathe powders/fumes/vapors/mist./gas/aerosol).

## 16. ADDITIONAL INFORMATION

16.1 All data contained in this safety form is to the best of our knowledge and competencies at the date of the last revision. All information is to be considered as safety guidelines in handling, using, storing, transporting and unloading the product. This information does not constitute specifications of quality or guarantee. The user must assure the suitability and completeness of such information in relation to specific use intended.

This form nullifies and replaces all previous editions.

16.2 Sources

: Dir 67/548/CEE and following amendments.  
Regulation (CE) N. 1272/2008 of the European Parliament and Committee dated December 16, 2008, CLP and following modifications.  
Legal Decree 81/2008 and following amendments.  
Regulation (CE) N.1907/2006 of the European Parliament and Committee dated December 18, 2006; REACH.  
Journal of Industrial Hygienists, threshold limit value, Biological indexes of exposure ACGIH 2009.