

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15
PAG.1/8**1. PRODUCT AND COMPANY INFORMATION****1.1 Product identification**

Commercial name : PYROABRADE 3 (y familia) PYROABRADE 4
PYROABRADE 6 (y familia)

1.2 Product use and inadvisable uses

Use of the substance/mixture : Aluminous dense hydraulic non refractory non abrasive.

1.3 Company identification

Company : TEIDE REFRACTORY SOLUTIONS, S.L.
Crt. C-155 (Sabadell-Granollers), km. 11,1
08185-LLIÇÀ DE VALL (BARCELONA)

Telephone : + 34 93 844 58 80

Fax : + 34 93 843 65 01

Contact e-mail : teide@teide.es

For more information : www.teide.es

1.4 Emergency telephone

+34 93 844 58 80 (Available Monday to Friday from 8:00 AM to 6:00 PM)

2. IDENTIFICATION OF DANGERS**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 (CLP)**

Skin Irrit. 2 : H315 Causes skin irritation.
Eye Dam. 1 : H318 Causes serious eye damage.
Skin Sense. 1 : H317 May cause an allergic skin reaction.
STOT SE 3 : H335 May cause respiratory irritation.

2.2 Label elements**Labeling (Regulation (EC) No. 1272/2008)**

Danger pictograms :



Word of warning : Dangerous
Indications of danger : H315 Causes skin irritation.
Precautionary advice : H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Intervention:

P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15

PAG.2/8

Answer

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

Other dangers:

The substance does not meet the criteria for identification as PBT or vPvB in accordance with Appendix XIII of the REACH Regulation.

3. COMPOSITION/INFORMATION CONCERNING INGREDIENTS**Composition of the mixture**

Name	%	Nº CAS Nº CE Serial number	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Cement	20-30	65997-15-1 266-043-4	Skin Irrit. 2, H315 Eye Dam. 1, H316 Skin Sense. 1, H317 STOT SE 3, H335
etanodiol	0,0005 - 0,0001	107-21-1 203-473-3	Acute Tox. 4 (Oral), H302

Skin Irrit. 2, (C≥10%)

Eye Dam. 1 (C≥3%)

Eye Dam. 1 (C≥1%)

STOT SE 3, H335 (C≥10%)

None of the components are radioactive under the terms of European Directive Euratom 96/29.

4. FIRST AID**4.1 Description of first aid:**

- General recommendations : Move the person from the dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
- If you have inhaled : If unconscious, place in recovery position and seek medical advice. If symptoms persist, consult a doctor.
- In case of contact with eyes : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. Continue rinsing. If eye irritation persists, consult a specialist
- If swallowed : Do not induce vomiting. Rinse mouth with water. Never give anything through the mouth to an unconscious person. Consult a physician.

4.2 Main symptoms and effects, both acute and delayed

- Symptoms : Possible respiratory damage by repeated inhalation
- Skin contact : You can have an irritating effect on moist skin
- Eyes contact : Don't rub eyes. Rinse immediately.

Indication of immediate medical attention and special treatment needed immediately
Need for immediate medical assistance.

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15

PAG.3/8

5. FIRE FIGHTING MEASURES

5.1 Extinguishing measures

Suitable extinguishing measures : Use extinguishing measures appropriate to local circumstances and the surrounding environment.

These products are not flammable. Fire reaction class: Zero.

Use extinguishing measures appropriate for products that are flammable in the vicinity, such as packaging and protective materials.

5.2 Special dangers arising from the substance or mixture

Specific dangers during fire fighting : Do not allow extinguishing water to enter drains or waterways.

5.3 Advice for firefighters

Special protective equipment for fire-fighters : If necessary, wear a self-contained breathing apparatus for fire fighting. In case of fire or explosion do not breathe fumes

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use appropriate personal protective equipment (PPE), goggles, gloves and protective clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Precautions for the environment

Environmental precautions : Avoid dust dispersion, damping the materials. Prevent entry into sewers and natural waterways. Check local regulations that may be applicable

6.3 Containment and cleaning methods and procedures

Cleaning methods : Contain the spill, absorbing with earth or sand, throwing it with a shovel into the appropriate container.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see Section 8. No smoking, eating and drinking during work. No handling dry or wet product with bare hands, unprotected. Design the process or processes to limit the amount of handling.

Indications for fire and explosion protection : Normal measures for preventive fire protection.

Hygienic measures : Avoid contact with skin, eyes and clothing

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage and containers : Store in original container. The bags or envelopes that are opened must be carefully resealed and kept upright to prevent leakage. Keep tightly closed. Keep in a dry, cool and well-ventilated place.

Advice on joint storage : No special restrictions on storage with other products.

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15

PAG.4/8

Other data

Stable under recommended storage conditions.

7.3 Specific use

Consult our technical-sales department

8. EXPOSURE/PERSONAL PROTECTION CONTROL**8.1 Control parameters****Occupational exposure limits**

Components	N° CAS	Value Type (Form of exposure)	Control parameters
Alúmina	1344.28.1	VLA-ED	10 mg/m ³
Cement	65997-15-1	VLA-ED	4 mg/m ³
Etanodiol	107-21-1	VLA-ED	52 mg/m ³ (dermal route)
			20 ppm (dermal route)
		VLA-EC	104 mg/m ³ (dermal route)
			40 ppm (dermal route)

Based on the "ENVIRONMENTAL VALUE LIMIT TABLES (EVL)" published by the National Institute for Safety and Health at Work (www.INSHT.es)

Yet industrial hygiene standards and exposure limits at work may vary between countries and local jurisdictions.

To comply with local regulations, find out which rules are in force in the country.

If there are no directives on the regulation of dust or other standards, you can consult an environmental expert to help you with a specific workplace evaluation, including recommendations for respiratory protection.

8.2 Exposure controls**Personal protection**

Eye protection



- : Safety glasses tightly fitting the face. Wear a face-shield and protective suit for anomalies in the process. Labeled 'CE' Category II. Eye and face protection against splashing. Standards CEN: EN 165, EN 166, EN 167, EN 168

Hand protection



- : Protective gloves against chemicals. Labeled 'CE' Category III. Standards CEN: EN 374-1, EN 374-2, EN 374-3, EN 420

Body and skin protection



- : Protective clothing with antistatic properties. Labeled 'CE' Category II. Protective clothing should not be too tight or loose so as not to interfere with the user's movements. Standards CEN: EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5

Respiratory protection



- : Filter mask for protection against gases and particles. Labeled 'CE' Category III. The mask must have a wide field of vision and anatomically shaped to provide sealing and tightness. Standards CEN: EN 136, EN 140, EN 405

Protection measures

- : Avoid contact with skin. Do not eat, drink or smoke during use.

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15
PAG.5/8**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on physical and chemical properties**

Appearance	: Aggregate mix
Color	: Grayish
Smell	: Odorless
pH (20g/L, 20 °C)	: No available data
Fusion point/interval	: No available data
Boiling point/interval	: No available data
Inflammation point	: No applicable
Inflammability (liquid)	: Does not burn
Density (20 °C)	: 2.1 g/cm ³
Water solubility	: Immiscible
Explosive properties	: Regulatory information: Non-explosive International regulations for transport. Non explosive

10. STABILITY AND REACTIVITY**10.1 Reactivity**

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of dangerous reactions

Dangerous reactions : Stable under recommended storage conditions

No dangerous reaction known under conditions of normal use

10.4 Conditions to avoid

Conditions to avoid : Without available data

See handling and storage tips in Section 7.

10.5 Incompatible materials

Incompatible materials : Without available data

10.6 Dangerous decomposition products

Dangerous Decomposition : None known
Products

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15
PAG.6/8**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects.**

- Acute toxicity : Not classified based on the information available.
- Respiratory or skin sensitivity : Cause irritation in the skin (pH: 11 – 13.5)
- Germ cell mutagenicity : May cause an allergic reaction in the skin.
- Specific target organ toxicity (STOT) - repeated exposure : May produce irritation in respiratory tract.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

- Environment - general : It does not represent any particular risk to the environment

12.2 Persistence and degradability

- Persistence and degradability : No present risk.

12.3 Bioaccumulation potential

- Bioaccumulation potential : No present risk

12.4 Soil mobility

- Soil mobility : Once cured, it presents no risk because the material is stable

12.5 Results of PBT and vPvB

- Product:
Rating persistence (P) : It can be concluded that the substance is not P or vP.
- Assessment of bioaccumulation (B) : In view of the data available on bioaccumulation, one can conclude that the substance is not B or mB.
- Toxicity Rating (T) : Based on the results of studies of aquatic toxicity and those in mammals, the substance is not classified as toxic T.

12.6 Dangerous products of decomposition

None known

13. DISPOSAL CONSIDERATIONS**13.1 Methods for treating waste**

- Product : The product should not be allowed to enter drains, water courses or land (soil). Do not contaminate ponds, waterways or ditches with a chemical product or used container. Offer the surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents. Dispose of as unused product.

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15
PAG.7/8**14. TRANSPORT INFORMATION****14.1 ONU Number**

ONU Number : Not relevant

ADR (Road transport, Council Directive 94/55/CE)
IMDG (Maritime transport)
RID Rail transport, Council Directive 96/49/CE)
IATA (Air transport)**14.2 Official UN shipping name**

Official UN shipping name : Not relevant

14.3 Kind(s) of transport hazard

Kind(s) of transport hazard : Not relevant

14.4 Packing group

Packing group : Not relevant

14.5 Dangers for the environment

Dangers for the environment : Not relevant

14.6 Special precautions for users

Special precautions for users : Not relevant

14.7 Bulk transport according to Appendix II of MARPOL 73/78 and the IBC Code

Bulk transport according to Appendix II of MARPOL 73/78 and the IBC Code : Not relevant

15. REGULATORY INFORMATION**15.1 Regulation and legislation on safety, health and environment specific for the substance or mixture**

Regulation and legislation on safety, health and environment specific for the substance or mixture : Ensure all national and local regulations are observed

15.2 Chemical safety assessment

Chemical safety assessment : Has not been conducted

PRODUCT DESCRIPTION	GROUP	FAMILY
NON ABRASIVE CONCRETE - CLP	NC	71

REV.1 07.15

PAG.8/8

16. OTHER INFORMATION**Other data**

The information provided in this Safety Data Sheet is correct at the date of publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and should not be considered a guarantee or quality specification.

The information relates only to the specific material and may not be valid for such material used in combination with other materials or in any process, unless specified in the text.

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AT	: Austria	: +43 1 40 6 43 43 (VIZ Wien)
BE	: Belgium	: +32 (0)70 245 245
BG	: Bulgaria	: +359 2 9154 409
HR	: Croatia	: 112, +385 1 2348 342
CY	: Cyprus	: 1401, 112
CZ	: Czech Republic	: +420 224 919 293, +420 224 915 402
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