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

1.1 Product identifier


Product name: i.design EFFIX CREA (Izaourt Plant)*
 i.design EFFIX DESIGN (Izaourt Plant)*

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

Relevant identified uses: Decorative objects and architectural elements covering small
 Uses advised against: None

As part of its use is specified in the table below according to the descriptors set by the European Agency for Chemicals (ECHA).

PROC	Identified uses – Use Description	Manufacture/For mulation of building product	Professional/ Industrial use of construction product
2	Use in closed, continuous process with occasional controlled exposure	x	x
3	Use in closed batch process (synthesis or formulation)	x	x
5	Mixing or blending in batch process for formulation of preparations and articles	x	x
8a	Transfer of substance or preparation from/to vessels/large containers at non-dedicated facilities		
8b	Transfer of substance or preparation from/to vessels/large containers a dedicated facilities	x	x
9	Transfer of substance or preparation into small containers	x	x
10	Roller application or brushing		x
11	Non-Industrial spraying		x
13	Treatment of articles by dipping and pouring		x
14	Production of preparations or articles by tableting, compression extrusion, pelletisation	x	x
19	Hand-mixing with intimate contact and only PPE available		x
26	Handling of solid inorganic substances at ambient temperature	x	x

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1.3 Details of the supplier of the safety data sheet

Registered company name: SOCLI SAS

Address: 2 Quartier Castans
65370 Izaourt
France

Telephone number: +33 (0)5 62 99 33 80

Fax: +33 (0)5 62 99 25 73

E-mail address of person responsible for the SDS: sds@socli.fr

1.4 Emergency telephone number

European emergency Telephone number: 112

Telephone number of the Poison Center: United Kingdom: + 44 (0)870 600 6266

Company emergency number: + 33 (0)5 62 99 33 80

Opening hours (*): from monday to thursday: 8 am – 12 am / 13:30 pm – 17:30 pm
friday: 8 am – 12 am / 13:30 pm – 16:30 pm

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture (*)


The mixture is classified according to regulation (EC) n° 1272/2008.

2.1.1 Classification according to regulation (EC) No 1272/2008

- H315 Causes skin irritation
Skin corrosion/irritation – category 2
- H317 May cause an allergic skin reaction
Skin sensitisation – category 1
- H318 Causes serious eye damage
Serious eye damage/eye irritation - category 1
- H335 May cause respiratory irritation.
Specific target organ toxicity — Single exposure, Category 3, respiratory tract irritation.
- H373 May cause damage to organs through prolonged or repeated exposure
Specific target organ toxicity — Repeated exposure, category 2

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2.2 Label elements (*)

Labelling according to regulation (EC) No 1272/2008.

Hazard pictograms:



Signal word: Danger

Hazard statements:


- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H335 May cause respiratory irritation
- H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

- P102 Keep out of reach of children.
- P261 Avoid breathing dust.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P501 Dispose of contents/container to a waste collection point. First, product needs to be inerted by hardening with water. After use, empty the packing completely.

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2.3 Other hazards

Not applicable: the mixture does not meet the criteria for substances or mixtures PBT and vPvB in accordance with Annex XIII of the REACH regulation.


SECTION 3: Composition/information on ingredients

3.1 Mixture

Composition (*):

Name	Weight % content	CAS n°	CE n°	Index n°	Classification	REACH registration n°
Portland cement clinker	0 < x % < 50	65997-15-1	266-043-4	----	GHS05, GHS07, Danger, H315, H317, H318, H335	Exempted according to annex V.7
Flue dust from production of cement clinker	0 < x % < 2,5	68475-76-3	270-659-9	----	GHS05, GHS07, Danger, H315, H317, H318, H335	01-2119486767-17
Respirable quartz dust	1 x % < 10	14808-60-7	238-878-4	----	GHS08, Danger, H372	----

Portland cement C&L notification: 02-2119682167-31-000.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

In general, when in doubt or if symptoms persist, always seek medical advice.

NEVER give anything by mouth to an unconscious person.

In the event of exposure by inhalation:

In case of dust inhalation, remove patient to fresh air, keep warm and rest.

Obtain medical attention if symptoms persist.

In the event of splashes or contact with skin:

Carefully and gently brush the contaminated body surfaces in order to remove all traces of product.

Remove contaminated clothing and wash skin carefully with water and soap or using a known washing product.

When the contaminated zone is large or if skin lesions appear, it is necessary to seek medical attention or to transfer to hospital environment.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

In all the cases, consult an ophthalmologist, even in the absence of apparent damage.

In the event of swallowing:

Never give anything by mouth.

In the event of swallowing, if the quantity is less than a mouthful, rinse the mouth with water and seek medical advice.

Seek medical advice immediately (show the label where possible).

4.2 Most important symptoms and effects, both acute and delayed


The mixture can cause serious eye damage. The mixture is irritating to the respiratory system and skin.

It may cause sensitization by skin contact and eye.

Prolonged inhalation and / or mass of respirable crystalline silica dust can cause pulmonary fibrosis, commonly referred to as silicosis. The main symptoms of silicosis are cough and breathlessness.

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4.3 Indication of any immediate medical attention and special treatment needed

To date no immediate medical care or therapy is indicated.

Follow advice given in Section 4.1.

SECTION 5: Fire fighting measures

5.1 Extinguishing media

The product is not flammable.

5.1.1 Suitable extinguishing media:

The product is not combustible. All extinguishing agents can be used.

Use extinguishing measures appropriate to local circumstances and the particular environment.

5.1.2 Unsuitable extinguishing media:

None.

5.2 Special hazards arising from the substance or mixture

The mixture is not combustible. No particular risk in case of fire.

5.3 Advice for fire fighters

Avoid dispersion of dust.

Do not allow run-off from fire fighting to enter drains or water courses.

Do not attempt to intervene without suitable protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Avoid contact with skin and eyes.


Avoid inhalation of dust.

Ensure adequate ventilation.

If the quantities spilled are numerous, evacuate personal involving only trained operators wearing appropriate protective equipment.

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6.1.2 For emergency responders

Respiratory protection is required when exposed to high concentrations of dust.

6.2 Environmental precautions

Do not allow product to spread into the environment.

Prevent spillage from entering sewers and waterways.

6.3 Methods and material for containment and cleaning up

Collect the product into a properly labelled container.

Prevent or reduce formation and dispersion of dust.

6.4 Reference to other sections

For more detailed information on exposure controls / personal protection or die disposal, please see sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 Protective measures

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.


7.1.2 Advices on general occupational hygiene:

Avoid inhalation and contact with skin and eyes.

General occupational hygiene measures are required to ensure safe handling of the mixture. These measures involve good personal and housekeeping practices: regular cleaning with suitable cleaning devices, no drinking, eating and smoking at the workplace.

Shower and change clothes at end of work shift. Do not wear contaminated clothing at home.

Separate contaminated work clothes from street clothes. Clean them separately.

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7.2 Conditions for safe storage, including any incompatibilities

Conditions for safe storage:

Keep out of reach of children.

Store protected from moisture. Keep at room temperature.

Storage time: 3 months

Incompatible materials:

Do not use aluminium containers.

7.3 Specific end use(s)

Conditions of use must be respected.

Avoid dust formation.

In case of insufficient ventilation wear suitable respiratory apparatus.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits:

United Kingdom (Workplace exposure limits, EH40/2005, 2007):

Name	CAS	TWA-	STEL	Ceiling	Definition	Criteria
Portland cement clinker	65997-15-1	10 mg/m ³	-	-	-	Ti
Respirable quartz dust	14808-60-7	0,3 mg/m ³	-	-	-	R

DNEL:

DNEL inhalation (8h), cement: 3 mg/m³ (respirable dust).

8.2 Exposure controls

8.2.1 Appropriate engineering controls (*)


Ensure sufficient ventilation.

Measures to reduce generation of dust and to avoid dust propagating in the environment such as dusting exhaust ventilation and dry clean-up methods which do not cause airborne dispersion.

Operational conditions to be met are presented, according to the categories of processes, in the summary table in section 8.2.2.3.

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8.2.2 Individual protection measures, such as personal protective equipment

8.2.2.1 Eye / face protection

Before handling powder or dust emission, wear mask goggles in accordance with standard EN166

Prescription glasses are not considered as protection.

Provide eyewash stations in facilities where the product is handled constantly.

8.2.2.2 Skin protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Wear appropriate protective clothing.

These clothes shall be chosen to avoid inflammation and irritation of the skin at then neck and wrist by contact with the powder.

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

8.2.2.3 Respiratory protection

Avoid breathing dust.

If the ventilation is insufficient, wear appropriate breathing apparatus.


When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Wear a disposable half-mask dust filter in accordance with standard: EN149+A1, NF EN 140 and NF EN 14387+A1, NF EN 1827+A1.

According to categories of process, operating conditions and the measures to be observed are:

Utilisation	PROC ⁽¹⁾	Exposure	Specification of respiratory protective equipment (RPE)	RPE efficiency - assigned protection factor (APF)	Localised controls	Efficiency
Industrial manufacture/formulation of hydraulic building and construction materials	2, 3	Duration is not restricted (up to 480 minutes per shift, 5 shifts a week)	not required	-	not required	-
	14, 26		A) P1 mask (FF, FM) or B) not required	APF = 4 -	A) not required or B) generic local exhaust ventilation	- 78 %
	5, 8b, 9		A) P2 mask (FF, FM) or B) P1 mask (FF, FM)	APF = 10 APF = 4	A) general ventilation or B) generic local exhaust ventilation	17 % 78 %
Industrial uses of dry hydraulic building and construction materials (indoor, outdoor)	2, 3	Duration is not restricted (up to 480 minutes per shift, 5 shifts a week)	not required	-	not required	-
	14, 22, 26		A) P1 mask(FF, FM) or B) not required	APF = 4 -	A) not required or B) generic local exhaust ventilation	- 78 %
	5, 8b, 9		A) P2 mask(FF, FM) or B) P1 mask (FF, FM)	APF = 10 APF = 4	A) general ventilation or B) generic local exhaust ventilation	17 % 78 %
Industrial uses of wet suspension of hydraulic building and construction materials	7	Duration is not restricted (up to 480 minutes per shift, 5 shifts a week)	A) P1 mask(FF, FM) or B) not required	APF = 4 -	A) not required or B) generic local exhaust ventilation	- 78 %
	2, 5, 8b, 9, 10, 13, 14		not required	-	not required	-
Professional use of dry hydraulic building and construction material (indoor, outdoor)	2, 3	Duration is not restricted (up to 480 minutes per shift, 5 shifts a week)	P1 mask (FF, FM)	APF = 4	not required	-
	9, 26		A) P2 mask(FF, FM) or B) P1 mask (FF, FM)	APF = 10 APF = 4	A) general ventilation or B) generic local exhaust ventilation	- 72 %
	5, 8a, 8b, 14		A) masque P3 (FF, FM) or B) P1 mask (FF, FM)	APF = 20 APF = 4	A) not required or B) integrated local exhaust ventilation	- 87 %
	19		P2 mask(FF, FM)	APF = 10	localised controls are not applicable, process only in good ventilated rooms or outdoor	50 %
Professional uses of wet suspensions of hydraulic building and construction materials	11	Duration is not restricted (up to 480 minutes per shift, 5 shifts a week)	A) P2 mask(FF, FM) or B) P1 mask (FF, FM)	APF = 10 APF = 4	A) not required or B) generic local exhaust ventilation	- 72 %
	2, 3, 5, 8a, 8b, 9, 10, 13, 14, 19		not required	-	not required	-

⁽¹⁾ PROC : Process categories (uses) defined in section 1.2.

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8.2.2.4 Thermal hazards

The product does not represent a thermal hazard.

8.2.3 Environmental exposure controls

Prevent spillage from entering sewers and waterways.

Do not allow product to spread into the environment.


SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<u>Appearance:</u>	Physical state: Finely powdered material (powder + fiberglass)
	Colour: White
<u>Odour:</u>	None
<u>Odor threshold:</u>	None
<u>pH:</u>	12,5
<u>Melting point/freezing point:</u>	> 1000°C
<u>Initial boiling point/boiling range:</u>	Not concerned
<u>Flash point:</u>	Not concerned (non flammable)
<u>Evaporation rate:</u>	Not concerned
<u>Flammability (solid, gas):</u>	Not concerned (non flammable mixture)
<u>Upper/lower flammability or explosive limits:</u>	Not concerned (non flammable mixture)
<u>Vapour pressure:</u>	Not concerned
<u>Vapour density:</u>	Not concerned
<u>Relative density</u>	Not available
<u>Solubility(ies):</u>	Not soluble
<u>Partition coefficient (n-octanol/water):</u>	Not concerned
<u>Auto-ignition temperature:</u>	Not concerned (non flammable)
<u>Decomposition temperature:</u>	Not available
<u>Viscosity:</u>	Not concerned
<u>Explosive properties:</u>	Not concerned (non explosive mixture)
<u>Oxidizing Properties:</u>	Not concerned (non combusive mixture)
<u>Density absolved in 20°C</u>	2,4 g / cm ³

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9.2 Other information

No data available on the miscibility, fat solubility (solvent-oil) of the mixture.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available for this mixture.

10.2 Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3 Possibility of hazardous reactions

No hazardous reactions to our knowledge.

10.4 Conditions to avoid


Minimize exposure to water and humidity to avoid degradation.

10.5 Incompatible materials

Aluminium powder, acids, ammonium salts and other non-noble metals.

10.6 Hazardous decomposition products

No hazardous decomposition products to our knowledge.

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SECTION 11: Toxicological informations

There is no data available on the mixture or the interactions between substances in the mixture. The information in this section covers the toxicological effects of the mixture components (Refer to Section 3).

11.1 Information on toxicological effects

Acute toxicity:

Cement:

Dermal:	DL ₅₀ > 2000 mg/kg [1]	Species: Rabbit
Inhalation:	no toxicity observed [2].	
Oral:	No indication of oral toxicity from studies with cement kiln dust.	

Given the available data, the classification criteria are not met.

Skin corrosion/irritation:

The mixture is irritating to the skin.

Serious eye damage/irritation:

The mixture can cause serious eye damage.

Respiratory or skin sensitization:

There is no indication of a respiratory sensitization [3]. Given the available data, the classification criteria are not met.

The mixture may cause skin sensitization [4].

Germ cell mutagenicity:

None of the compounds constituting the cement is known to be genotoxic.


Given the available data, the classification criteria are not met.

Carcinogenicity:

In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica is silicosis: "There is enough information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and apparently not in employees without silicosis exposed to silica dust in quarries and ceramics industry). Therefore preventing the onset of silicosis will also reduce the risk of cancer ... "(SCOEL SUM Doc 94-final, June 2003).

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So there is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. In the current state of knowledge, worker protection against silicosis must be ensured by compliance with the occupational exposure limit values in force and implementing additional measures of risk management if necessary (see table of 'Occupational Exposure Limits in Europe "on <http://www.ima-eu.org/en/publication.htm>).

Reproductive toxicity:

None of the compounds constituting the mixture is known to be toxic to reproduction.

Given the available data, the classification criteria are not met.

STOT-single exposure (*):

The mixture is classified as toxic target organ for a single exposure - Category 3. It may cause irritation of respiratory tract.

STOT-repeated exposure:

The mixture is classified as toxic target organ for repeated exposure - Category 2 with a presumed risk of serious damage to organs through repeated exposure or prolonged exposure (inhalation).


The mixture contains more than 1% and less than 10% of quartz alveolar. Prolonged exposure and / or massive to respirable dust containing crystalline silica can cause silicosis, which is a nodular pulmonary fibrosis caused by deposition of particles in the lung alveolar respirable crystalline silica.

Aspiration hazard:

The mixture does not present aspiration hazard.

Other informations:

Inhalation of dust may aggravate a mixture of disease pre-existing respiratory and / or pathologies such as emphysema or asthma and / or other related pre-existing damage to the eyes or skin.

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SECTION 12: Ecological informations

There is no data available on the mixture or the interactions between substances in the mixture. The information in this section covers the toxicological effects of the mixture components (Refer to Section 3).

12.1 Toxicity

Not applicable (inorganic mixture).

The cement is not hazardous to the environment. Ecotoxicity tests with Portland cement on *Daphnia magna* [5] and *Selenastrum coli* showed a low toxicological impact [6].

Consequently, the LC₅₀ and EC₅₀ values could not be determined [7]. There is no indication of toxicity to the sediment phase [8].

12.2 Persistence and degradability

Not applicable (inorganic mixture).

12.3 Bioaccumulative potential

Not applicable (inorganic mixture).

12.4 Mobility in soil


Not applicable (inorganic mixture).

12.5 Results of PBT and vPvB assessment

Not applicable (inorganic mixture).

12.6 Other adverse effects

The mixture is likely to be harmful to the aquatic environment due to pH.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of container and unused contents in accordance with the requirements of the Member States and local laws. The packaging used is intended for the packaging of this product and must not be reused for other purposes.

Dispose of contents/container in a waste collection point.

Avoid discharge to sewers, drainage systems or watercourses.

The packaging should be emptied completely and treated in accordance with legislation / local regulations.

SECTION 14: Transport informations

This product is not subjected to the requirements of international transport regulations ADR/RID, OMI/IMDG and OACI/IATA.

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency.

14.1 UN number

Not concerned.

14.2 UN proper shipping name

Not concerned.

14.3 Transport hazard class(es)

Not concerned.

14.4 Packing group

Not concerned.

14.5 Environmental hazards

Not concerned.

14.6 Special precautions for user


Avoid any release of dust during transportation.

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

Not concerned.

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SECTION 15: Regulatory informations

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Particular provisions:

Authorization :	Not required
Restriction of use :	None
SEVESO substance :	Not concerned

The mixture contains no:

- substance that deplete the ozone layer
- persistent organic pollutant

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other informations

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

Revision

Material Safety Data Sheet institution in accordance with Annex II Revised 1 June 2015 the European Regulation 1907/2006 / EC as amended by Regulation 453/2010 of the Committee on May 20, 2010

The texts altered from the previous version are marked with an asterisk (*).


This version replaces previous version of: 02/05/2012.

Title for H, EUH and R indications mentioned in section 3 (*)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure

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Abbreviations and acronyms (*)

ADR	European agreement concerning the international carriage of dangerous goods by Road.
CL50	Lethal Concentration
DL50	Lethal Dose
DNEL	Derived No Effect Level
EC50	Effective Concentration
GHS05	Pictogram « Corrosion »
GHS07	Pictogram « Exclamation mark »
GHS08	Pictogram « Health hazard »
IMD	International Maritime Dangerous Goods.
IATA	International Air Transport Association.
OACI	International Civil Aviation Organization.
OMI	International Maritime Organization.
OELV	Occupational Exposure Limit Value.
PNEC	Predicted No Effect Concentration.
RID	Regulations concerning the International carriage of Dangerous goods by rail.
SOD	Schedule of Occupational Diseases.
STEL	Short Term Exposure Limit
TWA	Time-Weighted Average

Key literature references and sources for data (*)

- INRS National Institute for Research and Security.
- ECB European Bureau of Chemicals.
- ECHA European CHemicals Agency.
- CIRC International Agency for Research on Cancer.
- CSLEP European Scientific Committee on Occupational Exposure Limits.
- [1] Observations on the effect of skin irritation caused by cement, Kietzman et al, Dermatosen, 47, 5, 184-189 (1999).
- [2] TNO report V8801/02, An acute (4-hour) inhalation toxicity study with Portland Cement Clinker CLP/GHS 03-2010-fine in rats, August 2010.
- [3] Portland Cement Dust - Hazard assessment document EH75/7, UK Health and Safety Executive, 2006. Available from: <http://www.hse.gov.uk/pubns/web/portlandcement.pdf>
- [4] European Commission's Scientific Committee on Toxicology, Ecotoxicology and the Environment (SCTEE) opinion of the risks to health from Cr (VI) in cement (European Commission, 2002). http://ec.europa.eu/health/archive/ph_risk/committees/sct/documents/out158_en.pdf

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- [5] Epidemiological assessment of the occurrence of allergic dermatitis in workers in the construction industry related to the content of Cr (VI) in cement, NIOH, Page 11, 2003.
- [6] U.S. EPA, Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, 3rd ed. EPA/600/7-91/002, Environmental Monitoring and Support Laboratory, U.S. EPA, Cincinnati, OH (1994a) and 4th ed. EPA-821-R-02-013, US EPA, office of water, Washington D.C. (2002).
- [7] U.S. EPA, Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 4th ed. EPA/600/4-90/027F, Environmental Monitoring and Support Laboratory, U.S. EPA, Cincinnati, OH (1993) and 5th ed. EPA-821-R-02-012, US EPA, office of water, Washington D.C. (2002).
- [8] Environmental Impact of Construction and Repair Materials on Surface and Ground Waters. Summary of Methodology, Laboratory Results, and Model Development. NCHRP report 448, National Academy Press, Washington, D.C., 2001.

Procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (*)

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
H315	Calculation method
H317	Calculation method
H318	Calculation method
H335	Calculation method
H373	Calculation method

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This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith. Besides, the attention of the user is drawn to the possible risks incurred by using the product for any other use than that for which it was intended.

In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product. The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility

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