



MATERIAL SAFETY DATA SHEET

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1. IDENTITY OF THE PRODUCT AND MANUFACTURER	1
2. IDENTIFICATION OF THE DANGERS	2
3. INFORMATION / COMPOSITION OF COMPONENTS	2
4. FIRST AIDS	3
5. MEASURES OF FIGHT AGAINST FIRES	3
6. MEASURES TO TAKE IN CASE OF ACCIDENTAL DISPERSION	3
7. HANDLING AND STORAGE	4
8. PERSONAL PROTECTION / EXPOSURE CONTROLS	4
9. PHYSICAL / CHEMICAL CHARACTERISTICS	5
10. STABILITY AND REACTIVITY	5
11. TOXICOLOGICAL INFORMATION	5
12. ECOLOGICAL INFORMATION	5
13. CONSIDERATIONS ON THE ELIMINATION	6
14. INFORMATION RELATIVE TO THE TRANSPORT	6
15. REGULATION INFORMATION	6
16. OTHER INFORMATION	6

1. IDENTITY OF THE PRODUCT AND MANUFACTURER

Product:
ISLIMM

Recommended uses:
Floor and wall tiles for interior and exterior uses.

Manufacturer:
INALCO (Industrias Alcorenses Confederadas S.A.)
Telephone number: (+34) 964 368000
www.inalco.es
C/ San Salvador, 54, 12110 Alcora (Castellón - SPAIN)

Emergency telephone:
Medical Toxicological Information Service (+34) 91 562 0420



2. IDENTIFICATION OF THE DANGERS

Classification of product:
The product is not classified as dangerous according to Norm (EU) N° 1272.

Identification of dangers:
The product is inert and it does not pose any danger to health or the environment with a normal use. During the cutting and polishing process, dust may be released with suspended particles of crystalline silica (SiO₂) in breathable fraction.

Other dangers:
There are no hazards associated with the product. It is advisable to perform the cutting operations in a ventilated place or by cooling in water due to its content in breathable crystalline silica.

3. INFORMATION / COMPOSITION OF COMPONENTS

Chemical composition: Mixture

Substance	CAS	EINECS	Concentration
Crystalline Silica	14808-60-7	238-878-4	10 - 15 %

4. FIRST AIDS

The product in its finished form does not require special preventive measures. During cutting, polishing, grinding or drilling operations, preventive measures should be taken against silica dust.

Inhalation: Get away from the exposed area and breathe fresh air. Get medical attention if ill effects occur.

Contact with eyes: Flush eyes with abundant water for several minutes.

Contact with skin: Dust is not irritating to the skin. Wash with soap and water.

Ingestion: Not applicable.

5. MEASURES OF FIGHT AGAINST FIRES

Means of extinguishing: The product is not flammable and is not a fuel source. In case of fire in the surroundings, there is no restriction as for security and strengths of attack.

Specific hazards of the mixture: There is no danger from the composition of the product related to fire.

Recommendations for firefighters: No special recommendations are needed.

6. MEASURES TO TAKE IN CASE OF ACCIDENTAL DISPERSION

Personal precautions: Not applicable.

Environmental precautions: No special measures required.

Method of cleaning: Not applicable.

7. HANDLING AND STORAGE

Precautions for safe handling: The product requires special handling with suction cups systems and special precautions in case of a manual handling. Anti-cut gloves should be used to prevent accidental injuries from breakage of parts, shoes and safety goggles by projections of particles during machining or cutting. Predict possible overexertion in manual handling.

Storage: No special storage measures are required except for protection against impacts that may result in material breakages. It is convenient to keep in its original packaging until its use.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Control parameters: Due to the possibility of dust created in the cutting or polishing processes, it is recommended to perform these processes with wet procedures. The regulations regarding the exposure values to crystalline silica are determined by the Directive 2000/39/EC and the R.D. 374 which refers us to the values published by the INSHT.

DAILY EXPOSURE LIMIT VALUES (VLE-ED)		
Substance	N. CAS	VLE-ED
Crystalline Silica	14808-60-7	0,1 mg / m ³ (*)
Breathable dust fraction		3 mg / m ³ (*)

(*) Limit values applied in Spain. Consult the regulated values in each country.

Exposure controls: Exposure to dust created during processes (cutting or polishing) must be controlled and minimized. Exposure control must be carried out through collective and individual technical protection measures.

Minimize the generation of dust using forced ventilation systems and water supply systems.

Avoid the use of compressed air and make a constant filtration of the air.

Personal protection:



Respiratory protection:

Use respiratory protection against type P3 particles (EN-143).



Eye protection:

Use of protective goggles for projecting particles.



Hand Protection:

The use of mechanical protective gloves is recommended to avoid accidental cuts due to broken parts.

Skin protection:

No skin protection is required.

9. PHYSICAL / CHEMICAL CHARACTERISTICS

Physical State:	Solid
Odor:	Odorless
Colour:	Depends on the model
PH:	Not applicable
Density:	2390 – 2410 Kg / m ³
Solubility in water:	Insoluble
Boiling point:	Not applicable
Melting point:	Not applicable
Other information:	No relevant data are known

10. STABILITY AND REACTIVITY

Reactivity:	Not Applicable
Chemical Stability:	Stable
Possibility of hazardous reactions:	None known
Conditions to avoid:	Formation of dust in the processes
Incompatible materials:	Avoid contact with strong acids during extended time
Hazardous Decomposition Products:	None known

11. TOXICOLOGICAL INFORMATION

The dust generated in the machining, cutting and polishing processes contains silica particles in suspension. Prolonged exposure to breathable crystalline silica (SiO₂) can cause lung fibrosis and silicosis.

The symptoms are manifested by an appreciable loss of lung capacity.

12. ECOLOGICAL INFORMATION

The product does not present any type of ecotoxicity or eliminate materials that may present any danger to the environment.

13. CONSIDERATIONS ON THE ELIMINATION

Using as reference the current legislation: European Directive 91/156 / EEC, Law 10/98 on Waste, Royal Decree 1481 on waste disposal.

The waste generated by the ISLIMM material can be eliminated through an authorized waste disposal manager. The elimination of carton, paper and wood packaging is recommended, through recycled processes by authorized managers.

14. INFORMATION RELATIVE TO THE TRANSPORT

Transport by land (ADR/RID):	Not restricted
Transport by sea (IMDG):	Not restricted
Transport by air (ICAO/IATA):	Not restricted

15. REGULATION INFORMATION

This Material Safety Data Sheet (MSDS), has been drafted following the guidelines of the CLP Regulation CE 1272.

16. OTHER INFORMATION

NFPA 704 risk rating system.



Risk – Health:	0
Inflammability:	0
Reactivity:	0

The product should not be used for purposes other than those specified by the manufacturer.



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