



MATERIAL SAFETY DATA SHEET



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1. PRODUCT IDENTIFICATION AND MANUFACTURER

Product:

ITOP

Recommended uses:

For use on walls and floors, indoors and out, and as countertops.

Manufacturer:

INALCO (Industrias Alcorenses Confederadas, S.A.)

Tel. no.: (+34) 964 368000

www.inalco.es

C/ San Salvador, 54, 12110 Alcora (Castellón – Spain)

Emergency tel. no.:

Toxicological Information Medical Service: (+34) 91 562 04 020.



2. HAZARDS IDENTIFICATION

Product classification:

The product is not classified as dangerous as per (EU) Regulation No. 1272.

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

There are no hazards associated with the product. Machining operations should be carried out in a ventilated place or with water-cooling equipment due to the breathable crystalline silica in the product.

3. INFORMATION / COMPOSITION OF COMPONENTS

Chemical composition: Mixture

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

4. FIRST AID MEASURES

In its finished form, the product does not require special preventive measures. During cutting, polishing, rectifying or drilling operations, preventive measures should be taken to avoid silica dust.

Inhalation: Leave the exposure area and inhale fresh air. Seek medical attention if you feel ill.

Contact with eyes: Flush your eyes with plenty of water for several minutes.

Contact with skin: The dust does not irritate the skin. Wash with soap and water.

Ingestion: Not applicable.

5. FIRE-FIGHTING MEASURES

Extinguishment methods: The product is not flammable or combustible. In the event of fire in the vicinity, there is no restriction on the extinction methods to be used.

Hazards specific to the mix: The product's composition does not entail any fire hazard.

Recommendations for firefighters: No special recommendations are needed.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not applicable.

Environmental precautions: No special measures required.

Cleaning-up method: Not applicable.



7. HANDLING AND STORAGE

Safe handling precautions: Safe handling precautions: The material must be specially handled using an overhead crane and alligator clips fastened to an A-frame. Special precautions must be taken when handling the material manually. Cut-resistant gloves must be used to avoid accidental injuries if a sheet breaks, in addition to protective footwear and safety goggles to protect the eyes from flying particles during cutting and machining. Plan how to handle the material manually so as to avoid any over-exertion.

Storage: No special storage measures are required except for protection against impacts that might cause the product to break. Keep it in its original packaging until used.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters: Due to possible dust during cutting or polishing, wet methods should be used. Legal exposure thresholds to crystalline silica are established in Directive 39/EC and Spanish Royal Decree 374, which alludes to the values published by the INSHT.

DAILY EXPOSURE LIMITS (VLE-ED)		
Substance	N. CAS	VLE-ED
Crystalline Silica	14808-60-7	0,05 mg / m ³ (*)
Powder breathable fraction		3 mg / m ³ (*)

(*) Thresholds applied in Spain. Check the legal thresholds in each pertinent country.

Exposure controls: Exposure to dust released during machining processes (cutting or polishing) must be controlled and minimized. Exposure must be controlled by taking collective and individual protective measures.

Minimize the generation of dust by using mechanical ventilation and water systems.
Avoid the use of compressed air and filter the air constantly.

Personal protection:



Respiratory protection:

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



Eye protection:

Use safety goggles as protection against particles.



Hand Protection:

Use mechanical protection gloves to avoid cuts by 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
Ignition point:	Not applicable
Additional information:	No known relevant data

10. STABILITY AND REACTIVITY

Reactivity:	Not Applicable
Chemical Stability:	Stable
Possibility of hazardous reactions:	Not known
Conditions to avoid:	Formation of dust during machining
Incompatible materials:	Avoid contact with strong acids for prolonged lengths of time
Hazardous Decomposition Products:	Not known

11. TOXICOLOGICAL INFORMATION

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

The symptoms take the form of a perceptible loss of lung capacity.

12. ECOLOGICAL INFORMATION

The product is not environmentally toxic and neither does it release materials that are potentially a danger to the environment.



13. DISPOSAL CONSIDERATIONS

Taking current legislation as a reference: European Directive 91/156 / EEC, Spanish Waste Act 10/98, Spanish Royal Decree 1481 on Waste Disposal.

The waste generated by ITOP materials can be eliminated by an authorized waste disposal manager. Cardboard, paper and wood packaging should be recycled or disposed of by authorized managers.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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