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PRODUZIONE, COMMERCIALIZZAZIONE DI
MACCHINE ED ATTREZZATURE PER L'INDUSTRIA ORAFO
E ARGENTIERA
Goldsmith's and Silversmith's laboratory equipment

INVESTMENT POWDER MATERIAL SAFETY DATA SHEET

1.0 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

1.1 SUBSTANCE/PREPARATION

GOLD STAR XL
GOLD STAR PLUS
GOLD STAR 21
GOLDSTAR XXX
GOLDSTAR ULTIMA
GOLDSTAR OMEGA

1.2 COMPANY

F.lli Pelusi srl
Via Roma n.11
20026 Novate Milanese (MI)
Italy

1.3 EMERGENCY TELEPHONE NUMBER

+39 02/33240260

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Quartz	20-40%
Cristobalite	40-70%
Gypsum	20-30%

3.0 HAZARDS IDENTIFICATION

These products contain crystalline silica. Prolonged exposure to respirable crystalline silica may cause chronic lung injury (silicosis). There is limited evidence that suggests that crystalline silica may cause cancer in humans.

4.0 FIRST AID MEASURES

Oral: Give plenty of water to drink and seek medical advice.
Eye: Wash with copious amounts of water. If irritation persists, seek medical advice.
Skin: Wash with soap and water.
Inhalation: Remove from exposure immediately. Seek medical advice.

5.0 FIRE FIGHTING MEASURES

These products are non-flammable. There are no limitations on extinguishing media.

6.0 ACCIDENTAL RELEASE MEASURES

Personal precautions : See section 8
Exposure controls/personal protection.

Spillage: Small quantities can be washed to drain with plenty of water. Larger quantities should be collected by vacuum.

7.0 HANDLING AND STORAGE

7.1 HANDLING

The use of engineering measures (e.g. local dust extraction) are recommended to provide effective dust control in order to ensure compliance with the current Occupational Exposure Limits.

7.2 STORAGE

Store under normal dry conditions. Keep containers closed.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 EXPOSURE LIMITS

C.A.S. No.	SUBSTANCE	O.E.L. mg/m ³
14464-64-1	Cristobalite	0.05
14808-60-7	Quartz	0.1
7778-18-9	Gypsum	5

8.2 PERSONAL PROTECTION

Respiratory: The use of a dust mask or equivalent to EN149 Category FFP2S and the provision of dust extraction/ ventilation where dust is produced is recommended.

Hands: Gloves
Eyes: Goggles

Skin: General protective overalls. Soiled clothing must be adequately laundered to avoid becoming a dust source.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder
Odour: None
pH: 8-9
Boiling point: Not applicable
Melting point: Not applicable
Flash point: Not applicable
Flammability: Non flammable
Explosive properties: Not applicable
Relative density: 2.4
Solubility in water: Non soluble
Particle size: Typically 95% < 0.053mm

10.0 STABILITY AND REACTIVITY

The material is considered to be stable, but can react with hydrofluoric acid and produce the corrosive gas silicon tetrafluoride.

11.0 TOXICOLOGICAL INFORMATION

Prolonged exposure to respirable crystalline silica may cause chronic lung injury (silicosis). Silicosis is a form of disabling pulmonary fibrosis, which can be progressive and may lead to death. Acute developing silicosis may occur in a short time in heavy exposure. There is limited evidence that suggests that crystalline silica may cause cancer in humans.

12.0 ECOLOGICAL INFORMATION

According to our experience, no adverse effects are to be expected. The product should not however be discharged in large quantities into the public sewage system.

13.0 DISPOSAL CONSIDERATIONS

As required by Local Regulations (e.g. by land-fill) at an approved site. In the U.K. the disposal of waste should be in accordance with the Control of Pollution Act 1974.

14.0 TRANSPORT INFORMATION

No special precautions are required. This product is not classified as dangerous for conveyance.

15.0 REGULATORY INFORMATION

F.LLI PELUSI SRL -Via Roma n°11 20026
Sito:www.pelusi.co

This
due
curr
Packaging) Regulations 1993.

Hazard symbol:



Symbol letter : Xn

The appropriate risk and safety phrases are:

R20 - Harmful by inhalation
S22 - Do not breathe dust
S36 - Wear suitable protective clothing
S24/25 - Avoid contact with skin and eyes
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation
S38 - In case of insufficient ventilation wear suitable respiratory equipment

16.0 OTHER INFORMATION

16.1 Additional information may be obtained from:

Guidance Note EH40 Occupational Exposure Limits is published annually by the Health and Safety Executive. The latest relevant limits should be observed.

HS(G) 37 "An introduction to Local Exhaust Ventilation" and Guidance Note EH44 "Dust in the Work Place" are both available from HM Stationery Office.

Advice on respiratory protective equipment is also given in BS 4275:1974

16.3 Liability

Such information given on this Material Safety Data Sheet is to the best of F.lli Pelusi srl knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness

of such information for their own particular use.

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