

SCHEDA DI SICUREZZA

ZETASIL 95 shore

Edition 2 of 01/07/03
Revision 0

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1. PRODUCT AND MANUFACTURING COMPANY IDENTIFICATION

Brand name: ZETASIL 95 shore

Use: silicone for laboratory

Supplier: INDUSTRIA ZINGARDI Srl – Via Mazzini, 161 – 15067 NOVI LIGURE (AL) ITALY –
Tel: ++39 0143 2148/73468 – Fax: ++39 0143 71883 – e-mail: zingardi@zingardi.it

Telephone number for urgent call: ++39 0143 2148

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances contained in the preparation, considered dangerous according to the EEC Directive CEE 67/548 and following adjustments:

none

The preparation contains:

<u>COMPONENTS</u>	<u>RAW FORMULA</u>	<u>CAS</u>	<u>QUANTITY</u>
Polidimetilsilossano Additives	$[\text{Si}(\text{CH}_3)_2\text{O}]_n$	9016-00-6	~ 98%

3. IDENTIFICATION OF DANGERS

The compound is not dangerous either for man or for environment.

4. FIRST AID

Contact with eyes: water eyes with water, consult a doctor

Contact with skin: collect mechanically with paper or cloth

Inhalation: not necessary particular measures

Ingestion: bring on vomit and consult a doctor

5. FIRE-PREVENTION METHODS

Suitable means of extinction: powder, foam alcohol resistant, CO₂

Forbidden means of extinction: water, halon

Risks for exposure or risks for combustion: carbon dioxide, carbon monoxide, silica

6. MEASURES FOR CASUAL DISPERSION

Collect with suitable absorbent materials, for example fossil flour.
Dispose according to the norms.

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7. MANIPULATION AND STORAGE

7.1 **Manipulation:** keep away from incompatible substances listed at point 10. The product can liberate hydrogen: it could be that explosive mixtures form in partly empty containers.

7.2 **Storage:** keep into the original packaging in a dry place out of the light.

8. PERSONAL PROTECTION / EXPOSURE CONTROL

8.1 **Values limit for exposure:**

8.2.1 **Control of professional exposure:**

8.2.1.1 **Respiratory protection:** not necessary

8.2.1.2 **Hand protection:** not necessary

8.2.1.3 **Eyes and/or face protection:** not necessary

8.2.1.4 **Skin protection:** not necessary

8.2.2 **Environmental exposure control:** keep far from food

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: grey coloured paste

Odour: fruity

pH: n.a.

Viscosity: 20000 mPa at 20 °C

Solubility in water: practically not soluble

Density: 1-1,5 g/cm³ at 20 °C

Flash Point: 250 °C

10. STABILITY AND REACTIVITY

Stability: at temperatures higher than 150 °C, the product liberates a small quantity of formaldehyde.

Conditions to avoid: none

Substances to avoid: none

Dangerous reactions: it reacts with alkali, amines, strong acids, oxidizing substances with formation of hydrogen

11. TOXICOLOGICAL INFORMATION

The product does not present toxicological risks if used properly for the use which it is designed.

12. ECOLOGICAL INFORMATION

12.1 **Solubility in water:** practically not soluble

12.2 **Biodegradability:** not biodegradable

12.3 **Risks for environment:** none known

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13. WASTE DISPOSAL

The product is classifiable as special waste not dangerous, it can be eliminated in controlled dump according to the current law (D. Lgs 22/97 and following adjustments).
Sometimes, for decision of single town council, it can be disposed with domestic waste.

14. INFORMATION ON TRANSPORT

Transport not regulated.

15. REGULATIONS

Labelling of preparation in application of D. Lgs 3 February 1997, n° 52 and Directive 1999/45/CE regarding classification, packing and labelling of dangerous compounds:

Symbol of danger: not requested

Phrase of risk: not requested

Advices of caution: not necessary

16. FURTHER INFORMATION

Safety schedule was written in conformity to Directive 91/155/EEC and following adjustments and D.M. 4/04/97 and 7/09/2002. The reported information are based on our present knowledge at the moment of the consignment, considering safety norms and a correct and pure use.
The supplying firm is not responsible for an improper use of the product and for any risk springing from changes or unknown effects in the technical characteristics of raw materials.