

**ZHERMACK S.P.A**

**Safety Data Sheet according to the Dir. 2001/58/EEC**

**ZA 13 MOULD WT 45**

**Revision date: 10/01/07**

**Print Date: 06/09/07**

**1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

**1.1 Identification of the preparation**

Trade name: ZA 13 MOULD WT 45

Trade code: DT23452 / DT23451

**Utilization of the substance or of the preparation:**

Addition silicone for Mould-making, concrete moulding and ceramic field.

**1.3 Identification of the company**

Supplier: :ZHERMACK S.p.A. via Bovazecchino, 100 -45021- Badia Polesine (RO) ITALY

Emergency telephone number of the company: 0425/597611

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

The product does not contain health hazardous substances in accordance with directive 67/548/CEE and successive modifications and adaptations to technical progress.

**3. HAZARDS IDENTIFICATION**

The product has not specific risks in accordance with directive 67/548/CEE and successive modifications and adaptations to technical progress.

**4. FIRST AID MEASURES**

No harm to the staff authorised to use has been reported. However, in case of contact, inhalation or ingestion, the following general measures provided for a first aid shall be taken.

**4.1 Inhalation:** remove to fresh air. If respiration is difficult, administer artificial respiration and seek medical advice.

**4.2 Ingestion:** seek medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

**4.3 Eyes and skin:** wash with plenty of water; if the irritation persists, seek medical advice.

**5. FIRE-FIGHTING MEASURES**

Closed containers exposed to the heat of a fire may lead to pressure rise and explode. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

**5.1 Extinguishing measures:** CO<sub>2</sub>, foam, AFFF, chemical powder for flammable liquids. Water may not be effective to extinguish the fire, nevertheless it should be used to cool the containers exposed to flames and prevent fires and explosions. For leakage and spillage that have not caught fire, nebulized water may be used to disperse the flammable vapours and protect the people involved in stopping the leakage.

**5.2 Equipment:** wear equipment complete with helmet and face shield and protection of the neck, self breathing apparatus at pressure or demand, insulative jacket and trousers, with bands around the arms, legs and waist.

**6. ACCIDENTAL RELEASE MEASURES**

Extinguish the sources of ignition or heat; cover the spillage with inert absorbent material. Collect as far as possible the resulting mass and discard the remainder by spraying water, if not contraindicated.

For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

**7. HANDLING AND STORAGE**

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Follow the good industrial hygiene practices adopting suitable individual protective measures such as gloves and overalls. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift. Periodic health controls are recommended at the discretion of the doctor.

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REVISIONE	DATA	DESCRIZIONE	EMISSIONE	APPROVAZIONE
1	10/01/2007	Prima emissione	R&S	RSGQA

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C.F. e P.IVA IT00594630295 - R.E.A. 86603 - R.I. RO 3421 - M. RO 001381 - Cap. Soc. € 1.032.000,00  
info@zhermack.com - www.zhermack.com

ITALY - GERMANY - POLAND - UNITED STATES - UNITED KINGDOM - RUSSIA - CHINA

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 **Physical state and colour:** Transparent fluid
- 9.2 **Odour:** odourless
- 9.3 **Solubility:** insoluble in water
- 9.4 **Viscosity:** 4500 - 5000 cP
- 9.5 **Comburent properties:** not comburent for EEC
- 9.6 **pH:** non applicabile
- 9.7 **Flash point:** > 200°C
- 9.8 **Vapour pressure:** < 0.01 kPa a 20°C
- 9.9 **Specific gravity:** 1.07 g/cm<sup>3</sup>

**10. STABILITY AND REACTIVITY**

The product is stable in normal conditions of use and storage. Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health.

**11. TOXICOLOGICAL INFORMATION**

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

**12. ECOLOGICAL INFORMATION**

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation

**13. DISPOSAL CONSIDERATIONS**

Consider the possibility of burning the product in a suitable incinerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill

**14. TRANSPORT INFORMATION**

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations

**15. REGULATORY INFORMATION**

Danger labelling under regulations 67/548/CEE and 1999/45/CE and following amendments and adjustments. Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/CE regulation is respected

**16. OTHER INFORMATION**

**GENERAL BIBLIOGRAPHY**

- 1. Regulation 1999/45/CE and following amendments;
- 2. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXVIII);
- 3. Regulation 91/155/CEE and following amendments;
- 4. The Merck Index. - 10th Edition;
- 5. Handling Chemical Safety;
- 6. Niosh - Registry of Toxic Effects of Chemical Substances;
- 7. INRS - Fiche Toxicologique (toxicological sheet);
- 8. Patty - Industrial Hygiene and Toxicology;
- 9. N.I. Sax-Dangerous properties of Industrial Materials-7, 1989 Edition;

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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