

FORMACHEM
ELLE PAINTS LTD
ATHENS

ELLE PAINTS LTD
ΙΩΑΝΝΗΣ Χ. ΛΥΚΟΣ ΜΟΝ. ΕΠΕ
ΧΟΝΔΡΙΚΟ ΕΜΠΟΡΙΟ ΧΡΩΜΑΤΩΝ - ΚΟΛΛΑΣ
ΕΜΠΟΡΙΚΟΣ ΑΝΤΙΠΡΟΣΩΠΟΣ
ΛΙΟΣΙΩΝ 101 - 136 72 ΑΧΑΡΝΑΙ
ΑΦΜ: 998051684 - ΔΟΥ: ΑΧΑΡΝΩΝ
ΤΗΛ. 210 2407467 - 8946040352

SAFETY DATA SHEET
(91/155/CEE)

* COMMERCIAL NAME: **FORMAGLUE S248M**

1) PRODUCTS AND MANUFACTURER IDENTITY

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TYPE OF PRODUCT: Urea-formaldehyde resin

APPLICATION: Gluing of plywoods, particleboards and furniture parts.

CAS NO.: 9011-05-6

MANUFACTURER: **FORMACHEM - ELLE PAINTS LTD**
GREECE

TELEPHONE NUMBER FOR EMERGENCY: **+306932325675**

2) INGREDIENTS COMPOSITION/INFORMATION

DANGEROUS COMPONENTS: **Formaldehyde**

CAS N°: **50-00-0**

% (W/W): **< 1**

CLASSIFICATION OF PURE SUBSTANCE: **T**

PHRASES OF RISK OF PURE SUBSTANCE: **R 23/24/25-34-40-43**

3) HAZARD IDENTIFICATION

TO HUMANS: If inhaled the product may cause phenomena of sensitization.
Avoid any prolonged contact with skin and eyes.

4) FIRST AID MEASURES

INHALATION: Keep the subject away from contaminated area.

CONTACT WITH SKIN: Wash plentifully with water the involved area.

CONTACT WITH EYES: Irrigate plentifully with water until the disappearance of possible irritation.

INGESTION: Call physician for eventual gastric lavage or induce vomiting

ADVERTISING FOR THE PHYSICIAN: In acidic environment the product polymerizes becoming solid.

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5) MEASURES AGAINST FIRE

THE PRODUCT IS NOT INFLAMMABLE

EXTINGUISHMENT MEDIA: Nebulized water, foam, CO₂, dry extinguisher.
RISKS DURING COMBUSTION: Avoid breathing the smokes.

6) MEASURES IN CASE OF LEAKAGE OR BREAKAGE OF THE CONTAINERS

PERSONAL PRECAUTIONS: Wear mask, gloves and protective garments.
ENVIRONMENTAL PRECAUTIONS: Gather with usual methods and wash with water the area of spilling.

7) HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid contact and inhalation of fumes; during work do not eat or drink or smoke.
STORAGE CONDITIONS: Store in a dry place preferable at 15-25°C, in the original containers; keep far from heat sources and sheltered from the direct sunlight

8) CONTROL OF THE EXPOSITION/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use mask fitted with a suitable filter.
HAND PROTECTION: Use protective gloves.
EYES PROTECTION: Use safety-goggles.
SKIN PROTECTION: Wear garments providing a complete protection of the skin.

THRESHOLD LIMIT VALUES OF THE
CONTAINED SUBSTANCES (ACGIH 2000): **Formaldehyde gas TLV-C: 0,37 mg/m³ (0,3 ppm) A2.**

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9) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND COLOUR: White powder.
ODOUR: Characteristic.
pH (at 20°C): 8÷9 (50% water dispersion).
MELTING POINT: Softening at temperature > 50°C.
INFLAMMABILITY: Not inflammable.
TEMPERATURE OF DECOMPOSITION: >150°C
SELF-FLAMMABILITY: None.
EXPLOSIVITY LIMITS OF THE POWDERS IN AIR: Not available.
BURNING PROPERTIES: No.
SPECIFIC GRAVITY at 20°C 0.5 ÷ 0.6 Kg/dm³
WATER SOLUBILITY at 20°C: Dispersible from 35 to 65% of solid content.
LIPOSOLUBILITY: Not available.

10) STABILITY AND REACTIVITY

STABILITY: The product is stable in the normally condition of use
CONDITIONS TO BE AVOIDED: Storage temperature above 30°C reduces the performances of the product
INCOMPATIBLE SUBSTANCES AND MATERIALS: Alkaline and acid substances; copper and its alloy.
DECOMPOSITION HARMFUL PRODUCTS: By standing at temperature above 100°C the product releases free formaldehyde.

11) TOXICOLOGICAL DATA

ORAL ACUTE TOXICITY: LD50 > 5000 mg/Kg (Sprague dawley).

12) ECOLOGICAL DATA

To be used according to the good working practices, avoiding the dispersion of the product in the environment.

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13) ELIMINATION

To be sent in controlled discharges or in a suitable incinerator.
Operate according to the local and national current regulations.

14) TRANSPORT

ROAD/RAILWAY (ADR/RID): Not dangerous.
AIRWAY (ICAO/IATA): Not dangerous.
SEA-WAY (IMDG/IMO): Not dangerous.

15) REGULATION

Label CEE (L. n. 256/74 and 52/97)

| | | |
|-------------------|----------|---|
| Symbol: | Xi | Irritant. |
| R phrases: | 43 | May cause sensitization by contact with skin. |
| S phrases: | 26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| | 36/37/38 | Wear suitable protective clothing, gloves and eye/face protection. |

16) OTHER INFORMATION

MAIN BIBLIOGRAPHIC SOURCES NIOSH - Registry of toxic effects of chemical substances (1983)
IARC - Evaluation of carcinogenic risks to humans (1987)
ACGIH - Documentation of threshold limit values (1992)
SAX - Dangerous properties of industrial materials (1987)

* : Modifications as to the former version

Data and information reported in this sheet are the result of the latest information available at the date of its drawing up. The utilizer is requested to make sure of the suitability and completeness of such information according to the specific application to be done.

Signature is omitted in that printed version.