



# MATERIAL SAFETY DATA SHEET (SEMI WORK RESIN)

**Issue Date** : 01 - 01 - 2000

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name** : SEMI WORK RESIN  
(Aqueous Based paint containing Acrylic Resin/  
Additive/Water.)

**Supplier** : MAS S.r.l., Ancona, Italy

**Telephone & Fax No** : +39 - 071 - 2071189, +39 - 071 - 2070054

## 2. INFORMATION ON INGREDIENTS

**Chemical Name** : Aqueous based paint containing Acrylic Resin / Additives/Water

**CAS Number** : 25036 - 16 -2

## COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components	%Weight	CAS No.	EINECS No.
Butyldiglycol	<3	112-34-5	203-961-6
Glycol ether solvent	<2	5131-66-8	225-878-4
Dimethylaminoethanol	<1	108-01-0	203-5423-8

## 3. HAZARD IDENTIFICATION

**Dangerous substances** : Solvent

**Major Hazards** : Repeated or prolonged skin contact may cause irritation.

## 4. FIRST AID MEASURES

**Inhalation** : Remove victim to fresh air immediately.

**Skin contact** : Remove contaminated clothing. Wash skin thoroughly with mild/water.

**Eye contact** : Irrigate with plenty of water.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media** : Not normally combustible; consists primarily of water

**Special exposure hazards** : Burning material may emit noxious fumes.

**Special intervention methods** : Self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURE

**After spillage / leakage** : Ventilate area.  
Absorb with appropriate material. Sweep or shovel spills into appropriate container for disposal.

## 7. HANDLING AND STORAGE

Storage	:	Store in dry, well ventilated area. Store in tightly closed containers.
Handling	:	Avoid vapour or mist inhalation. Handle in accordance with good industrial hygiene and safety procedures.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Industrial hygiene	:	Use adequate ventilation to keep vapour concentrations below applicable standard.
Residual monomers	:	Trace amounts of monomers may be released during use of this material.
Occupational Exposure Limits (ACGIH 1999)		
8 Hour TWA (mg/m <sup>3</sup> )	:	Styrene,85.
France VME (mg/m <sup>3</sup> )	:	Styrene,215
Germany MAK (mg/m <sup>3</sup> )	:	Styrene, 86.
Personal protection	:	Use safety glasses. Suitable respiratory equipment. Use Neoprene or rubber gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Colour	:	Opaque
Initial Boiling point	:	100
Density at 25°C (kg/m <sup>3</sup> )	:	1200
Vapour pressure at 38°C (mm Hg)	:	Not established
Solubility in water	:	Miscible.
Flash point (°C)	:	Not established.

## 10. STABILITY AND REACTIVITY

Stability	:	Stable
Materials to avoid	:	None under normal conditions.
Conditions to avoid	:	None under normal conditions.
Hazardous decomposition products	:	CO,CO <sub>2</sub> and normal hydrocarbon combustion products expected.

## 11. TOXICOLOGICAL INFORMATION

Physiological effects	:	Vapour may irritate eyes and mucous membranes,
Rate oral LD <sub>50</sub> (mg/kg)	:	Not established
Rabbit dermal LD <sub>50</sub> (mg/kg)	:	Not established
Rat inhalation LC <sub>50</sub> (ppm)	:	Not established

## 12. ECOLOGICAL INFORMATION

Ecological effects information	:	Do not discharge into drains or the environment, dispose to an authorized waste collection point.
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## 13. DISPOSAL CONSIDERATIONS

Disposal	:	Do not discharge into drains or the environment, dispose to an authorized waste collection point. Dispose in a safe manner in accordance with local / national regulations.
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#### **14. TRANSPORT INFORMATION**

UN Number : No labelling required according to current transport legislation.  
UN Proper Shipping Name : Epoxy Paints, Clear and Pigmented

ADR/RID  
IMO-IMDG Code  
ICAO/IATA

#### **15. REGULATORY INFORMATION**

##### **Label information**

EEC Labeling : No labelling required according to criteria of European Directive 88/379/EEC and its subsequent amendments.

#### **16. OTHER INFORMATION**

This information only concerns the above-mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

This MSDS cancels and replaces any preceding release.