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## Information Sheet

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

**Product identification**

Code: **MT-POL**  
Name: **Polymer**

**Relevant identified uses of the substance or mixture and uses advised against**

Description/Use: **Liquid Polymer for Microtopping powder (Base, Finish, HP)**

**Information on the supplier of the safety data sheet**

Company name: **IDEAL WORK SRL**  
Address: **Via Kennedy, 52**  
City and Country: **31030 Vallà di Riese Pio X (TV) Italy**  
tel. **0423/4535**  
fax **0423/748429**  
e-mail address of the person responsible for the information sheet: [sicurezza@idealwork.it](mailto:sicurezza@idealwork.it)

**Emergency telephone number**

For urgent inquiries refer to **Tel. +39 0423/4535**

### SECTION 2. Hazard identification

**Classification of the substance or mixture.**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

**Label elements**

This product is not subject to hazard labeling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

**Other hazards.**

In some conditions, the monomer vinyl acetate may be released.

### SECTION 3 Composition/information on ingredients.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in Directives 67/548/EEC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements) in such quantities as to require the statement.

### SECTION 4 First-aid measures.

**Description of first-aid measures.**

Not specifically necessary. Observance of good industrial hygiene is recommended.

**Main symptoms and effects, both acute and delayed.**

No episodes of damage to health ascribable to the product have been reported.

**Indication of any immediate medical attention and special treatment needed.**


Information not available.

### SECTION 5 Fire-fighting measures.

**Extinguishing media.**

The product is not classified as flammable, combustible or combusive agent. In case of a fire, choose the extinguishing media most suitable for the surrounding environment.

**Special hazards arising from the substance or mixture.**

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**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**  
The product is not combustible. Nonetheless do not breathe combustion products.

**Recommendations for fire-fighters.**

**GENERAL INFORMATION**

Cool the containers with water jets to prevent the product from decomposing and potentially harmful substances from developing. Always wear equipment provided with fire-fighting protection devices. Collect fire extinguishing water that must not be discharged into drains. Dispose of the contaminated fire extinguishing water and fire residues according to the standards in force.

**EQUIPMENT**

Wear normal fire-fighting clothes, such as self-contained, open-circuit compressed air breathing apparatus (EN 137), flame resistant clothing (EN 659) and fire-fighter boots (HO A29 or A30).

**SECTION 6 Accidental release measures.**

**Personal precautions, protective equipment and procedures in case of emergency.**

Use breathing equipment if fumes are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

**Environmental precautions.**

Prevent the product from getting into sewer systems, surface water, phreatic zones.

**Methods and material for containment and cleaning up.**

Gather the spilled product with mechanical equipment and put it in containers for recovery or waste disposal. Spray water to eliminate residue if there are no contraindications.

Provide the area concerned by the spillage with sufficient aeration. Verify any incompatibility for the material of the containers in section 7. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

**Reference to other sections.**

Any information on personal protection and disposal is provided in section 13.

**SECTION 7 Handling and storage.**

**Precautions for safe handling.**

Comply with the safety measures usually applied when handling chemical substances. Do not dispose of in the environment. Do not eat, drink, or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

**Safe storage conditions, including any incompatibility.**

The usual precautions used for chemical products should be respected.

**Special end-uses.**

Information not available

**SECTION 8 Exposure control/personal protection.**


**Control parameters.**

The product contains ethylene-vinyl acetate copolymer, therefore, in some conditions, the monomer vinyl acetate may be released. For the monomer occupational exposure limits exist:

**Reference Standards:**

Italy Legislative Decree 9 April 2008, n.81.  
OEL EU Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.  
TLV-ACGIH ACGIH 2013

| <b>Vinyl Acetate</b>          |       |        |     |            |     |       |
|-------------------------------|-------|--------|-----|------------|-----|-------|
| <b>Threshold Limit Value.</b> |       |        |     |            |     |       |
| Type                          | State | TWA/8h |     | STEL/15min |     | Notes |
|                               |       | mg/m3  | ppm | mg/m3      | ppm |       |
| OEL                           | UK    | 36     | 10  | 72         | 20  |       |
| TLV-ACGIH                     |       | 35     | 10  | 53         | 15  | A3    |

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**Key:**

(A3 – Acknowledged as carcinogen for animals with unknown relevance for humans)

In the risk assessment process, it is recommended to consider the occupational exposure limit values foreseen by ACGIH for inert powders not otherwise classified (PNOC respirable fraction: 3 mg/mc; PNOC inhalable fraction: 10 mg/mc). If these limits are exceeded, it is recommended to use a type P filter, the class (1, 2 or 3) of which is chosen based on the result of the risk assessment.

**Exposure controls.**

Comply with the safety measures usually applied when handling chemical substances.

**HAND PROTECTION**

Not required.

**SKIN PROTECTION**

Not required.

**EYE PROTECTION**

Not required.

**RESPIRATORY PROTECTION**

Not required, unless indicated otherwise in the chemical risk assessment.

## SECTION 9 Physical and chemical properties.

**Information on essential physical and chemical properties.**

|  |   |
|--|---|
| Physical State                         | Liquid  |
| Colour                                 | White   |
| Odour                                  | Pungent   |
| Odour threshold.                       | Not available.  |
| pH.                                    | 3,5 - 7.  |
| Melting and freezing point.            | Not available.  |
| Initial boiling point.                 | Not applicable.   |
| Boiling range.                         | Not available.  |
| Flammability point.                    | >60°C   |
| Evaporation rate                       | Not available.  |
| Solids and gas flammability            | Not available.  |
| Lower flammability limit.              | Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. Cfr. Annex I of reg. n° 1272/2008 sect. 2.8.4.2 a) |
| Upper flammability limit.              | Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. Cfr. Annex I of reg. n° 1272/2008 sect. 2.8.4.2 a) |
| Lower explosive limit.                 | Not available.  |
| Upper explosive limit.                 | Not available.  |
| Vapour pressure.                       | Not available.  |
| Vapour density                         | 1,07.   |
| Relative density.                      | Not available.  |
| Solubility                             | Not available.  |
| Partition coefficient: n-octanol/water | Not available.  |
| Auto-ignition temperature              | Not available.  |
| Decomposition temperature              | Not available.  |
| Viscosity                              | Not available.  |
| Explosive properties                   | Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. Cfr. Annex I reg. n° 1272/2008 sect. 2.1.3.4)      |
| Oxidizing properties                   | Not applicable (absence of chemical groups associated to the explosive properties present in the molecule. Cfr. Annex I of reg. n° 1272/2008 sect. 2.8.4.2 a) |

**Other information.**


Not available

## SECTION 10 Stability and reactivity.

**Reactivity.**

There are no particular risks of reaction with other substances under normal use conditions.

**Chemical stability.**

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The product is stable under normal use and storage conditions.

**Possibility of hazardous reactions.**

No hazardous reactions are known the product

**Conditions to avoid.**

Do not expose the product to high temperatures and to incompatible materials.

**Incompatible materials.**

The product must not come into contact with peroxides and other catalysts.

**Hazardous decomposition products**

In case of thermal decomposition, carbon monoxide and carbon dioxide can be formed.

## SECTION 11 Toxicological information.

**Information on toxicological effects.**

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

## SECTION 12 Ecological information.

Use according to good working practices. Do not dispose of in the environment. Inform the competent authorities in the event the product reaches waterways or sewers or it contaminates soil or vegetation.

**Toxicity.**

The product is not dangerous for the environment.

**Persistence and degradability**

Information not available.

**Bioaccumulation potential**

Information not available.

**Mobility in soil.**

Information not available

**PBT and vPvB assessment results.**

Information not available.

**Other adverse effects.**

Information not available

## SECTION 13 Disposal considerations.

**Methods of waste treatment.**

Re-use, if possible. The product residues are considered special hazardous waste. The hazard levels of the waste that contains any amount this product must be assessed based on legislation in force.

The exhaust product must be consigned to an authorised waste disposal company, in compliance with national and local laws.


Do not dispose of in the soil, sewers or waterways.

**CONTAMINATED PACKAGES**

Contaminated packages must be recovered or disposed of in compliance with waste management national standards.

## SECTION 14 Transport information.

The product must **not be considered hazardous** pursuant to the provisions applying to the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) or by air (IATA).

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## SECTION 15 Regulatory information.

**Standards and legislation on health, safety and the environment specific to the substance or mixture.**

Seveso category. None.

Restrictions relative to the product or to the substances contained according to Annex XVII EC Regulation 1907/2006.  
None.

Substances in Candidate List (Art. 59 REACH).  
None.

Substances subject to authorisation (Annex XIV - REACH).  
None.

Substances subject to export notification EC Reg. 649/2012:  
None.

Substances Under the Rotterdam Convention Regulations:  
None.

Substances Under the Stockholm Convention Regulations  
None.

Healthcare controls.  
Information not available.

### **Chemical Safety Assessment**

No chemical safety assessment for the mixture and for the substances it contains has been processed.

## SECTION 16 Other information.

KEY:

- ADR: European agreement concerning the transport of dangerous goods by road
- CAS NUMBER: Chemical Abstract Service Number
- EC NUMBER: ESIS (Existing Substances Information System) Identification Number
- CLP: EC Regulation No.1272/2008
- GHS: Globally harmonized system of classification and labelling of chemicals
- IATA DGR: Regulations for the transport of dangerous goods by the International Air Transport Association
- IMDG: International maritime code on the transport of dangerous goods
- IMO: International Maritime Organisation
- INDEX NUMBER: Identification number in Annex VI of CLP
- OEL: Occupational Exposure Level
- REACH: EC Regulation No.1907/2006
- RID: Regulations for the international carriage of dangerous goods by rail
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term Exposure Limit
- TWA: Time-Weighted Average exposure limit
- vPvB: Very Persistent and very Bioaccumulative according to REACH Regulation

GENERAL BIBLIOGRAPHY:

The Merck Index. Ed. 10  
 Handling Chemical Safety  
 Niosh - Registry of Toxic Effects of Chemical Substances  
 INRS - Fiche Toxicologique  
 Patty - Industrial Hygiene and Toxicology  
 N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989  
 ECHA Agency website

Note for the user:

The information contained in this data sheet is based on the knowledge available to us when the latest version was issued. Users must make sure the information is suitable and exhaustive in relation to the specific use of the product.

This document must not be considered a guarantee on any specific property of the product.

As the use of this product is not subject to our direct control, users must comply, under their own responsibility, with current hygiene and safety laws and provisions. We accept no responsibility for improper use.

Provide suitable information to the personnel in charge of using chemicals.