

Safety data sheet

**as per regulation 1907/2006/EC (REACH) as amended and
supplemented**

Printing date 15.05.2024

Version number 5

Revision: 15.05.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

- **Product code** HMMB05D
- **Trade name:** **CLEAR WB SELF SEALER 60GL**
- **1.2. Relevant identified uses of the substance or mixture and uses advised against**
A coating composition for water-based coating and / or decoration of artefacts.
- **Application of the substance / the mixture** For professional use

· 1.3 Details of the supplier of the safety data sheet

- **Manufacturer/Supplier:**
IVM Chemicals srl
Viale della Stazione 3 - 27020 Parona (PV) Italy tel +39 038425441

- **Further information obtainable from:**
Environmental Health and safety office
hseoffice@ivmchemicals.com

· 1.4 Emergency telephone number:

From 8.30 to 17.30 0039 038 425 441

Out of the above mentioned hours, Saturdays and Sundays and during periods of closure for holidays please call: 0039 0384 254491

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.

· 2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
- **Additional information:**
EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

· 2.3 Other hazards

- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

- **Description:** Mixture: consisting of the following components.
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
personal protective equipment for first aid responders is recommended. (please see section 8)
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

· 4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by substances, see chap. 11th

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

*** SECTION 5: Firefighting measures**

· 5.1 Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

No further relevant information available.

· 5.3 Advice for firefighters

Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health and also, in the case of closed containers exposed to flames to prevent explosions.

· **Protective equipment:**

Hardhat with visor, fireproof clothing, suitable gloves and if necessary mouth respiratory protective device.

*** SECTION 6: Accidental release measures**

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources.

· 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· 6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

*** SECTION 7: Handling and storage**

· 7.1 Precautions for safe handling

No special precautions are necessary if used correctly.

Protect against electrostatic charges

No special measures required.

· **Information about fire - and explosion protection:** No special measures required.

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Observe the label precautions, the expiration date for the use, if indicated, is from delivery date.

In cases there is no reported deadline, it means that the product must be used within 8 months.

Take on temperature greater than 5 °C

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

7.3 Specific end use(s)

Those typical of the product and the instructions in the data sheet if required.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

34590-94-8 Dipropylene glycol monomethyl ether (1-<5%)

WEL	Long-term value: 308 mg/m ³ , 50 ppm Sk
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57-55-6 propane-1,2-diol (2.5-4.99%)

WEL	Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates
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108-01-0 2-dimethylaminoethanol (>0.5-<1%)

WEL	Short-term value: 22 mg/m ³ , 6 ppm Long-term value: 7.4 mg/m ³ , 2 ppm
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111-76-2 2-butoxyethanol (<0.1%)

WEL	Short-term value: 246 mg/m ³ , 50 ppm Long-term value: 123 mg/m ³ , 25 ppm Sk, BMGV
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DNELs

108-01-0 2-dimethylaminoethanol

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	22 mg/m ³ (Workers) 7.4 mg/m ³ (Workers)
Irritation of skin	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	5 mg/kg bw/d (Workers) 1.04 mg/kg bw/d (Workers)

PNECs

108-01-0 2-dimethylaminoethanol

PNEC Acqua dolce/water/woda sjödka/eau/agua/水	0.0661 mg/L (–)
PNEC Suolo/earth/suelo/ /地面	0.0177 mg/kg (–)

Ingredients with biological limit values:

111-76-2 2-butoxyethanol (<0.1%)

BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
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· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required.

· Protection of hands:

The glove material has to be impermeable and resistant to the product and in accordance with EN 374 and Directive 89/686/EEC.

Due to missing tests no recommendation to the glove material can be given for the product.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:

Fluid

· Colour:

According to product specification

· Odour:

Characteristic

· Odour threshold:

Not determined.

· pH-value:

Not determined.

· Change in condition

· Melting point/freezing point:

Undetermined.

· Initial boiling point and boiling range:

100 °C

· Flash point:

Not applicable.

· Flammability (solid, gas):

Not applicable.

· Ignition temperature:

270 °C

· Decomposition temperature:

Not determined.

· Auto-ignition temperature:

Product is not selfigniting.

· Explosive properties:

Product does not present an explosion hazard.

· Explosion limits:

· Lower:

1.1 Vol %

· Upper:

14 Vol %

· Vapour pressure at 20 °C:

0.4 hPa

· Density at 20 °C:

1.028 g/cm

· Relative density

Not determined.

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· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic at 20 °C:	21 s (ISO 4 mm)
· Oxidising properties :	N.A.
· Solvent content:	
· VOC and Total VOC (organic solvents + reactive solvents if any)	9.02 %
· Water:	62.7 %
· VOC (EC)	92.8 g/l
· Solids content:	28.3 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Typical of the product as indicated in the data sheet
- **10.2 Chemical stability**
The product is stable in normal conditions of storage and use recommended
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.

108-01-0 2-dimethylaminoethanol		
Oral	LD50	1,183 mg/kg (mouse)
Dermal	LD50	1,219 mg/kg (rabbit)
Inhalative	LC50/4 h	6.1 mg/l (mouse)
 - **LD/LC50 values relevant for classification:**
- **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation**
Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.

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- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

* **SECTION 12: Ecological information**

- **12.1 Toxicity**

- **Aquatic toxicity:**

108-01-0 2-dimethylaminoethanol

EC50	66.1 mg/l (algae) (72 h)
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	98.4 mg/l (daphnia) (48 h)
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- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or
 sewage system.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

* **SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**

- **Recommendation**

Smaller quantities can be disposed of with household waste.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

The code number of the product as is 080111

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, ADN, IMDG, IATA**

Not classified

- **14.2 UN proper shipping name**

- **ADR, ADN, IMDG, IATA**

Not classified

- **14.3 Transport hazard class(es)**

- **ADR, ADN, IMDG, IATA**

- **Class**

Not classified

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· 14.4 Packing group	Not classified
· ADR, IMDG, IATA	
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Not classified

* SECTION 15: Regulatory information

- **Various regulations**
Dir 2004/42/EC - EU limit value for this product (Cat A/ i): 140 g / l. This product contains a maximum of 105 g / l VOC . For professional use only
- **National regulations:**
The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** IVM Chemicals Srl
- **Contact:** Claudia Zanella
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - VOC: Volatile Organic Compounds (USA, EU)
 - DNEL: Derived No-Effect Level (REACH)
 - PNEC: Predicted No-Effect Concentration (REACH)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
- **Sources**
 - REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments
 - Agency ECHA web site
 - INRS Fiche Toxicologique
 - * Data compared to the previous version altered.

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