

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

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

- **1.1 Product identifier**
 - Product code TW18
 - Trade name: **CLEAR WB SELF SEALER 5SH**
- **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



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **2.2 Label elements**
 - Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
 - Hazard pictograms



GHS07

- Signal word Warning
- Hazard-determining components of labelling:
2-methyl-2H-isothiazol-3-one
a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)
1,2-benzisothiazol-3(2H)-one
- Hazard statements
H317 May cause an allergic skin reaction.
- Precautionary statements
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of water.
P362+P364 Take off contaminated clothing and wash it before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see on this label).

(Contd. on page 2)

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18**Trade name: CLEAR WB SELF SEALER 5SH**

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local.

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:

CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-XXXX	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	5-9.99%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-XXXX	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	2.5-4.99%
CAS: 2682-20-4 EINECS: 220-239-6 Reg.nr.: 01-2120764690-50-XXXX	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330 ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) ⚠ Skin Sens. 1A, H317	≥0.0015-<0.01%

- 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:

Immediately remove any clothing soiled by the product.

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 and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact:

Remove contaminated clothing.

Immediately wash with water and soap, or a recognized skin cleanser, and rinse thoroughly.

- 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.

GB

(Contd. on page 3)

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18**Trade name:** CLEAR WB SELF SEALER 5SH

(Contd. of page 2)

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

- CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **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:** 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.

Ensure adequate ventilation.

- **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**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

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

- **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.

(Contd. on page 4)

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18**Trade name: CLEAR WB SELF SEALER 5SH**

(Contd. of page 3)

· **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:**

107-98-2 1-methoxy-2-propanol (2.5-4.99%)

WEL	Short-term value: 560 mg/m ³ , 150 ppm
	Long-term value: 375 mg/m ³ , 100 ppm
Sk	

112-34-5 2-(2-butoxyethoxy)ethanol (0.5-1%)

WEL	Short-term value: 101.2 mg/m ³ , 15 ppm
	Long-term value: 67.5 mg/m ³ , 10 ppm

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

WEL	Long-term value: 308 mg/m ³ , 50 ppm
Sk	

· **DNELs**

111-76-2 2-butoxyethanol

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	1,091 mg/mc (Workers)
	DNEL	98 mg/mc (Workers)
Irritation of skin	DNEL acuto/agudo/ostre/aigu/acute/akut	89 mg/kg bw/d (Workers)
	DNEL	125 mg/kg bw/d (Workers)

107-98-2 1-methoxy-2-propanol

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	553.5 mg/mc (Workers)
	DNEL	369 mg/mc (Workers)
Irritation of skin	DNEL	50.6 mg/kg bw/d (Workers)

· **PNECs**

111-76-2 2-butoxyethanol

PNEC Acqua dolce/water/woda słodka/eau/agua/	8.8 mg/L ()
PNEC Suolo/earth/suolo/—/—/	2.33 mg/kg ()

107-98-2 1-methoxy-2-propanol

PNEC Acqua dolce/water/woda słodka/eau/agua/	10 mg/L ()
PNEC Suolo/earth/suolo/—/—/	2.47 mg/kg ()

· Additional information: The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

· **Respiratory protection:**

Short term filter device:

(Contd. on page 5)

Safety data sheet
as per regulation 1907/2006/EC (REACH) as amended and
supplemented

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18

Trade name: CLEAR WB SELF SEALER 5SH

(Contd. of page 4)

Filter AX



Suitable respiratory protective device recommended. (EN140)

· **Protection of hands:**



Protective gloves

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:**

95 °C

· **Flammability (solid, gas):**

Not applicable.

· **Ignition temperature:**

240 °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:**

~20 Vol %

(Contd. on page 6)

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18**Trade name: CLEAR WB SELF SEALER 5SH**

(Contd. of page 5)

· Vapour pressure at 20 °C:	12 hPa
· Density at 20 °C:	1.019 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic at 20 °C:	60 s (ISO 6 mm)
· Oxidising properties :	N.A.
· Solvent content:	
· VOC and Total VOC	
(organic solvents + reactive solvents if any)	10.19 %
· Water:	70.1 %
· VOC (EC)	103.9 g/l
· Solids content:	19.7 %
· 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.

· LD/LC50 values relevant for classification:		
111-76-2 2-butoxyethanol		
Oral	LD50	1,480 mg/kg (mouse)
Dermal	LD50	1,100 mg/kg (rab)
107-98-2 1-methoxy-2-propanol		
Oral	LD50	4,016 mg/kg (mouse)
Dermal	LD50	5,001 mg/kg (rabbit)
Inhalative	LC50/4 h	5,001 mg/l (mouse)

(Contd. on page 7)

GB

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18**Trade name:** CLEAR WB SELF SEALER 5SH

(Contd. of page 6)

2682-20-4 2-methyl-2H-isothiazol-3-one

Oral	LD50	200 mg/kg (mouse)
Dermal	LD50	400 mg/kg (mouse)
Inhalative	LC50/4 h	0.53 mg/l (mouse)

- **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**
May cause an allergic skin reaction.
- **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.
- **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:**

111-76-2 2-butoxyethanol

EC50	1,840 mg/l (algae) (72 h)
	1,550 mg/l (daphnia) (48 h)
LC50 (96h)	1,474 mg/l (Fish)

107-98-2 1-methoxy-2-propanol

EC50	21,100 mg/l (daphnia) (48 h)
LC50 (96h)	6,812 mg/l (Fish)

- **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**

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

Hand over to hazardous waste disposers.

(Contd. on page 8)

GB

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18

Trade name: CLEAR WB SELF SEALER 5SH

(Contd. of page 7)

The code number of the product as is 080111

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

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 |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Not classified |
| · 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

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 Directive n. : 80/1107/CEE, n. 82/605/CEE, n. 83/477/CEE, n. 86/188/CEE e n. 88/642/CEE, 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2002/44,2003/10/CE, 2003/18/CE , 2004/40/CE,2006/25
 · **Various regulations**
 Dir 2004/42/CE - UE limit value for this product (Cat. A/j): 140 g/l. This product contain max 110 g/l of VOC - Product two component high performances . For professional use only
 · **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
 · **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.

- **Relevant phrases**
 H226 Flammable liquid and vapour.
 H301 Toxic if swallowed.

(Contd. on page 9)

Safety data sheet

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

Printing date 15.05.2024

Version number 127

Revision: 15.05.2024

Product code TW18**Trade name: CLEAR WB SELF SEALER 5SH**

(Contd. of page 8)

H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

- **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
 Flam. Liq. 3: Flammable liquids ñ Category 3
 Acute Tox. 3: Acute toxicity ñ Category 3
 Acute Tox. 4: Acute toxicity ñ Category 4
 Acute Tox. 2: Acute toxicity ñ Category 2
 Skin Corr. 1B: Skin corrosion/irritation ñ Category 1B
 Skin Irrit. 2: Skin corrosion/irritation ñ Category 2
 Eye Dam. 1: Serious eye damage/eye irritation ñ Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation ñ Category 2
 Skin Sens. 1: Skin sensitisation ñ Category 1
 Skin Sens. 1A: Skin sensitisation ñ Category 1A
 STOT SE 3: Specific target organ toxicity (single exposure) ñ Category 3
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard ñ Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard ñ Category 1

- **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.**

GB

Contact Details : Mick Kilsby - Mobile : 0410 635 011, Terry Taylor - Mobile : 0410 635 014