

1 Identification

- **Product identifier**
 - Product number HBT7A01
 - Trade name: **WB WHITE SEALER**
 - Application of the substance / the mixture For professional use
- **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
 - Information department:
Environmental Health and safety office
hseoffice@ivmchemicals.com
 - Emergency telephone number:
ChemTel Expert Assistance Hotline/SDS Fax Access by dialing 1-800-255-3924 or for International +1-813-248-0585.

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 1A H350 May cause cancer.

- **Label elements**

- GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms



GHS08

- Signal word Danger

- Hazard-determining components of labeling:

Quartz (SiO₂)

- Hazard statements

H350 May cause cancer.

- Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

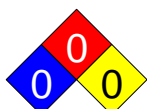
P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- NFPA ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

Product number HBT7A01
Trade name: WB WHITE SEALER

(Contd. of page 1)

· **HMIS-ratings (scale 0 - 4)**

HEALTH	0
FIRE	0
REACTIVITY	0

Health = *0

Fire = 0

Reactivity = 0

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

111-76-2	2-butoxyethanol	2.5-4.99%
	<div> <div></div> <div>Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319</div> </div> <div> <div></div> <div>Flam. Liq. 4, H227</div> </div>	
14808-60-7	Quartz (SiO ₂)	≥0.1-<0.5%
	<div> <div></div> <div>Carc. 1A, H350</div> </div>	

4 First-aid measures

· **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.

· **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; immediately call for medical help.

· **Information for doctor:**

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

For symptoms and effects caused by substances, refer to Section 11.

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

No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

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

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

· **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 respiratory protective device.

US

(Contd. on page 3)

Product number HBT7A01
Trade name: WB WHITE SEALER

(Contd. of page 2)

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Keep away from ignition sources
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **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 Section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

• PAC-1:

471-34-1	calcium carbonate	45 mg/m
57-55-6	propane-1,2-diol	30 mg/m
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m

• PAC-2:

471-34-1	calcium carbonate	210 mg/m
57-55-6	propane-1,2-diol	1,300 mg/m
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
14808-60-7	Quartz (SiO ₂)	33 mg/m

• PAC-3:

471-34-1	calcium carbonate	1,300 mg/m
57-55-6	propane-1,2-diol	7,900 mg/m
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
14808-60-7	Quartz (SiO ₂)	200 mg/m

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
 - **Information about protection against explosions and fires:** No special measures required.
- **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 not indicated, is from delivery date of goods.
In cases where there is no reported expiration date, 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.
- **Specific end use(s)** Those typical of the product and the instructions in the data sheet if required.

US
(Contd. on page 4)

Product number HBT7A01
Trade name: WB WHITE SEALER

(Contd. of page 3)

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· Control parameters

· **Components with limit values that require monitoring at the workplace:**

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

14808-60-7 Quartz (SiO₂)

PEL	Long-term value: 0.05* mg/m *resp. dust; 30mg/m ³ /%SiO ₂ +2
REL	Long-term value: 0.05* mg/m *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m *as respirable fraction

· **Ingredients with biological limit values:**

111-76-2 2-butoxyethanol

BEI	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
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· **Additional information:** The lists that were valid during the creation were used as basis.

· Exposure controls

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Store protective clothing separately.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

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

The glove material has to be impermeable and resistant to the product .

· **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.

(Contd. on page 5)

Product number HBT7A01
Trade name: WB WHITE SEALER

(Contd. of page 4)

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:

Fluid

· Color:

According to product specification

· Odor:

Characteristic

· Odor threshold:

Not determined.

· pH-value:

Not determined.

· Change in condition

· Melting point/Melting range:

Undetermined.

· Boiling point/Boiling range:

100 °C (212 °F)

· Flash point:

Not applicable.

· Flammability (solid, gaseous):

Not applicable.

· Ignition temperature:

240 °C (464 °F)

· Decomposition temperature:

Not determined.

· Auto igniting:

Product is not selfigniting.

· Danger of explosion:

Product does not present an explosion hazard.

· Explosion limits:

· Lower:

1.1 Vol %

· Upper:

10.6 Vol %

· Vapor pressure at 20 °C (68 °F):

1.2 hPa (0.9 mm Hg)

· Density (+/- 0,03) at 20 °C (68 °F):

1.596 g/cm (13.319 lbs/gal)

· Relative density

Not determined.

· Vapor 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 (68 °F):

40 s (ISO 4 mm)

· Oxidising properties:

N.A.

· Solvent content:

· Water:

31.9 %

· VOC content:

3.52 %

56.1 g/l / 0.47 lb/gl

· Solids content:

64.6 %

(Contd. on page 6)

Product number HBT7A01
Trade name: WB WHITE SEALER

(Contd. of page 5)

· **Other information (HAPS)**

112-34-5 2-(2-butoxyethoxy)ethanol

<0.1%

· **Other information**

No further relevant information available.

10 Stability and reactivity

- **Reactivity** typical of the product as indicated in the data sheet
 - **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.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

111-76-2 2-butoxyethanol

Oral LD50 1,480 mg/kg (mouse)

Dermal LD50 1,100 mg/kg (rab)

· **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Safety data sheet available on request.

· **Carcinogenic categories**

Titanium dioxide

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

Quartz.

No significant exposure to quartz is thought to occur during the use of products in which quartz is bound to other materials, such as resin, and for quantities present in the formula

· **IARC (International Agency for Research on Cancer - Cl. 1 and 2)**

13463-67-7 Titanium dioxide C.I. 77891 Pigment white 6

2B - DUST

14808-60-7 Quartz (SiO₂)

1

· **NTP (National Toxicology Program)**

14808-60-7 Quartz (SiO₂)

≥0.1-<0.5%

(Contd. on page 7)

Printing date 09/24/2018

Version number 33

Reviewed on 07/17/2018

Product number HBT7A01

Trade name: WB WHITE SEALER

(Contd. of page 6)

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· 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)

· **Persistence and degradability** No further relevant information available.

· **Substances Easily biodegradable**

111-76-2 2-butoxyethanol .

· Behavior in environmental systems:

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· Additional ecological information:

· **General notes:**

Water hazard class 1 (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.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· Waste treatment methods

· **Recommendation:**

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

Hand over to hazardous waste disposers.

Dispose of contents and container in accordance with local state and federal regulations.

· Uncleaned packagings:

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

14 Transport information

· UN-Number

· DOT, ADN, IMDG, IATA

Not applicable

· UN proper shipping name

· DOT, ADN, IMDG, IATA

Not applicable

· Transport hazard class(es)

· DOT, ADR, ADN, IMDG, IATA

· Class

Not applicable

· Packing group

· DOT, IMDG, IATA

Not applicable

(Contd. on page 8)

Product number HBT7A01
Trade name: WB WHITE SEALER

(Contd. of page 7)

- **Environmental hazards:**
 - **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** Not applicable

15 Regulatory information

· SARA

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings) :

111-76-2	2-butoxyethanol	2.5-4.99%
112-34-5	2-(2-butoxyethoxy)ethanol	<0.1%

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

Titanium dioxide only in bound form
Quartz (SiO₂) only in bound form

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	only for Dust	5-9.99%
14808-60-7	Quartz (SiO ₂)	*	≥0.1-<0.5%

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

111-76-2	2-butoxyethanol	NL	2.5-4.99%
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· TLV (Threshold Limit Value established by ACGIH)

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	A4
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	A4
111-76-2	2-butoxyethanol	A3
14808-60-7	Quartz (SiO ₂)	A2

· NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7	Titanium dioxide C.I. 77891 Pigment white 6	5-9.99%
14808-60-7	Quartz (SiO ₂)	≥0.1-<0.5%

· National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

(Contd. on page 9)

Safety Data Sheet

29 CFR Parts 1910 1915 1926

Printing date 09/24/2018

Version number 33

Reviewed on 07/17/2018

Product number HBT7A01**Trade name: WB WHITE SEALER**

(Contd. of page 8)

- **Additional classification according to Decree on Hazardous Materials:**
Carcinogenic hazardous material group III (dangerous).
- **Information about limitation of use:**
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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:** See emergency phone
 - **Date of preparation / last revision** 09/24/2018 / 32
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - 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)
 - NFPA: National Fire Protection Association (USA)
 - HMIS: Hazardous Materials Identification System (USA)
 - VOC: Volatile Organic Compounds (USA, EU)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - NIOSH: National Institute for Occupational Safety
 - OSHA: Occupational Safety & Health
 - TLV: Threshold Limit Value
 - PEL: Permissible Exposure Limit
 - REL: Recommended Exposure Limit
 - BEI: Biological Exposure Limit
 - Flam. Liq. 4: Flammable liquids . Category 4
 - Acute Tox. 4: Acute toxicity . Category 4
 - Skin Irrit. 2: Skin corrosion/irritation . Category 2
 - Eye Irrit. 2A: Serious eye damage/eye irritation . Category 2A
 - Carc. 1A: Carcinogenicity . Category 1A
- **Sources**
 - REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments
 - Agency ECHA web site
 - INRS Fiche Toxicologique
 - IARC International agency for research on cancer
- *** Data compared to the previous version altered.**

US