



## Safety Data Sheet Opaco WB 2K Trasp. NE

Safety Data Sheet dated 8/6/2019, version 1

### 1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name:

Opaco WB 2K Trasp. NE

Other means of identification:

Trade code:

6OWB300

Recommended use of the chemical and restrictions on use

Recommended use: Surface coating

Restrictions on use:

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Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

Sirca S.p.A.

Address:

Viale Roma, 85

35010 S.Dono di Massanzago (PD) - ITALY

Tel. +39 0499322311

Distributed by:

GEMINI INDUSTRIES, INC.

2300 Holloway Drive

El Reno, OK 73036

USA

Tel. 1-800-262-5710

Fax 1-405-262-9310

www.gemini-coatings.com

Competent person responsible for the safety data sheet:

safety@sirca.it

Emergency phone number

For Hazardous Materials [or Dangerous Goods] Incident

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

1-800-424-9300 / +1 703-527-3887.

### 2. HAZARD(S) IDENTIFICATION

Classification of the chemical

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

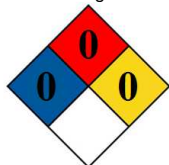
None

Ingredient(s) with unknown acute toxicity:

None.

Additional classification information

NFPA rating:



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HMIS rating:

|                     |   |   |
|---------------------|---|---|
| HEALTH              | * | 0 |
| FLAMMABILITY        |   | 0 |
| PHYSICAL HAZARD     |   | 0 |
| PERSONAL PROTECTION |   |   |

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 2% - < 2.5% 3-butoxypropan-2-ol; propylene glycol monobutyl ether

REACH No.: 01-2119475527-28-xxxx, Index number: 603-052-00-8, CAS: 5131-66-8, EC: 225-878-4



A.3/2A Eye Irrit. 2A H319



A.2/2 Skin Irrit. 2 H315

>= 1% - < 2% Oxirane, methyl-, polymer with oxirane, mono(3-(1,3,3,3-tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propyl) ether

CAS: 134180-76-0



A.1/4/Inhal Acute Tox. 4 H332

US-HAE/C3 Aquatic Chronic 3 H412



A.3/2A Eye Irrit. 2A H319

>= 1% - < 2% 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

REACH No.: 01-2119475104-44-xxxx, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6



A.3/2A Eye Irrit. 2A H319

### 4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

Treatment:

None

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Unsuitable extinguishing media:



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None in particular.  
Specific hazards arising from the chemical  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.  
Hazardous combustion products:  
None  
Explosive properties: N.A.  
Oxidizing properties: N.A.  
Special protective equipment and precautions for fire-fighters  
Use suitable breathing apparatus .  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

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#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures  
Wear personal protection equipment.  
Remove persons to safety.  
See protective measures under point 7 and 8.  
Methods and materials for containment and cleaning up  
Wash with plenty of water.

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#### 7. HANDLING AND STORAGE

Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Do not use on extensive surface areas in premises where there are occupants.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.  
Conditions for safe storage, including any incompatibilities  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.  
Storage temperature:  
Store at ambient temperature.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters  
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5  
(OEL (IT)) - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm - Behaviour: Binding  
EU - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm  
ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff  
DNEL Exposure Limit Values  
3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8  
Worker Professional: 270.5 mg/m<sup>3</sup> - Consumer: 33.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Worker Professional: 44 mg/Kg-bw/day - Consumer: 16 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 8.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects  
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5  
Worker Industry: 67.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Worker Industry: 67.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Worker Industry: 83 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Industry: 101.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term (acute)  
Consumer: 40.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 60.7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term (acute)  
Consumer: 40.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Consumer: 50 mg/Kg-bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 5 mg/Kg-bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects  
PNEC Exposure Limit Values  
3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8  
Target: Fresh Water - Value: 0.525 mg/l  
Target: Marine water - Value: 0.0525 mg/l  
Target: Freshwater sediments - Value: 2.36 mg/kg  
Target: Marine water sediments - Value: 0.236 mg/kg  
Target: Soil (agricultural) - Value: 0.16 mg/kg  
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5  
Target: Fresh Water - Value: 1 mg/l  
Target: Marine water - Value: 0.1 mg/l  
Target: occasional emission - Value: 3.9 mg/l



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Target: STP - Value: 200 mg/l  
Target: Freshwater sediments - Value: 4 mg/kg dwt  
Target: Marine water sediments - Value: 0.4 mg/kg dwt  
Target: Soil (agricultural) - Value: 0.4 mg/kg dwt  
Target: orally (secondary poisoning) - Value: 56 mg/kg

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

Not needed for normal use. Work, in any case, in accordance with good practices of industrial hygiene.

Protection for hands:

Not needed for normal use. Work, in any case, in accordance with good practices of industrial hygiene.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                               |                           |
|-----------------------------------------------|---------------------------|
| Appearance and colour:                        | liquid                    |
| Odour:                                        | characteristic            |
| Odour threshold:                              | N.A.                      |
| pH:                                           | N.A.                      |
| Melting point / freezing point:               | < 1° C                    |
| Initial boiling point and boiling range:      | > 55° C                   |
| Solid/gas flammability:                       | N.A.                      |
| Upper/lower flammability or explosive limits: | N.A.                      |
| Vapour density:                               | N.A.                      |
| Flash point:                                  | other >=55°C ( >= 131°F ) |
| Evaporation rate:                             | N.A.                      |
| Vapour pressure:                              | N.A.                      |
| Relative density:                             | 1.0300 Kg/l a 20°C        |
| Solubility in water:                          | N.A.                      |
| Solubility in oil:                            | N.A.                      |
| Partition coefficient (n-octanol/water):      | N.A.                      |
| Auto-ignition temperature:                    | > 250° C                  |
| Decomposition temperature:                    | N.A.                      |
| Viscosity (typical value):                    | 45.00 " Din cup # 4       |
| Miscibility:                                  | N.A.                      |
| Fat Solubility:                               | N.A.                      |
| Conductivity:                                 | N.A.                      |
| Substance Groups relevant properties          | N.A.                      |

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## 10. STABILITY AND REACTIVITY

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Reactivity                         | Stable under normal conditions                          |
| Chemical stability                 | Stable under normal conditions                          |
| Possibility of hazardous reactions | No dangerous reaction is stored and used appropriately. |
| Conditions to avoid                | Stable under normal conditions.                         |
| Incompatible materials             | None in particular.                                     |
| Hazardous decomposition products   | None.                                                   |

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## 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 3300 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 3.4 mg/l - Duration: 4h

Oxirane, methyl-, polymer with oxirane, mono(3-(1,3,3,3-tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propyl) ether - CAS: 134180-76-0



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- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg  
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg  
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5
- a) acute toxicity:  
Test: LC50 - Route: Inhalation - Species: Rabbit = 3 mg/l - Duration: 2h  
Test: LD50 - Route: Oral - Species: Rat = 5660 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 2700 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse = 2400 mg/kg

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

None.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

None.

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

3-butoxypropan-2-ol; propylene glycol monobutyl ether - CAS: 5131-66-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96

Oxirane, methyl-, polymer with oxirane, mono(3-(1,3,3,3-tetramethyl-1-((trimethylsilyl)oxy)disiloxanyl)propyl) ether - CAS: 134180-76-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 15 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 177 mg/l - Duration h: 48

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1300 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 100 mg/l - Duration h: 48

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

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## 13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## 14. TRANSPORT INFORMATION

UN number

Not classified as dangerous in the meaning of transport regulations.

UN proper shipping name

N.A.

Transport hazard class(es)

N.A.

Packing group

N.A.

Environmental hazards

N.A.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

No

Special precautions

N.A.

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## 15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

None.



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SARA - Superfund Amendments and Reauthorization Act  
Section 302 – Extremely Hazardous Substances: no substances listed.  
Section 304 – Hazardous substances: no substances listed.  
Section 313 – Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
No substances listed.

CAA - Clean Air Act  
CAA listed substances:  
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether is listed in CAA Section 111, Section 112(b) - HON.

CWA - Clean Water Act  
CWA listed substances:  
None.

USA - State specific regulations

California Proposition 65  
Substance(s) listed under California Proposition 65:  
None.

Massachusetts Right to know  
Substance(s) listed under Massachusetts Right to know:  
No substances listed.

New Jersey Right to know  
Substance(s) listed under New Jersey Right to know:  
No substances listed.

Pennsylvania Right to know  
Substance(s) listed under Pennsylvania Right to know:  
No substances listed.

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## 16. OTHER INFORMATION

Text of phrases referred to under heading 3:  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H332 Harmful if inhaled.  
H412 Harmful to aquatic life with long lasting effects.

Safety Data Sheet dated 8/6/2019, version 1

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

|           |                                                                                      |
|-----------|--------------------------------------------------------------------------------------|
| ADR:      | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| CAS:      | Chemical Abstracts Service (division of the American Chemical Society).              |
| CLP:      | Classification, Labeling, Packaging.                                                 |
| DNEL:     | Derived No Effect Level.                                                             |
| EINECS:   | European Inventory of Existing Commercial Chemical Substances.                       |
| GHS:      | Globally Harmonized System of Classification and Labeling of Chemicals.              |
| HMIS:     | Hazardous Materials Identification System                                            |
| IARC:     | International Agency for Research on Cancer                                          |
| IATA:     | International Air Transport Association.                                             |
| IATA-DGR: | Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  |
| ICAO:     | International Civil Aviation Organization.                                           |
| ICAO-TI:  | Technical Instructions by the "International Civil Aviation Organization" (ICAO).    |
| IMDG:     | International Maritime Code for Dangerous Goods.                                     |
| INCI:     | International Nomenclature of Cosmetic Ingredients.                                  |
| KSt:      | Explosion coefficient.                                                               |
| LC50:     | Lethal concentration, for 50 percent of test population.                             |
| LD50:     | Lethal dose, for 50 percent of test population.                                      |
| NFPA:     | National Fire Protection Association                                                 |
| NIOSH:    | National Institute for Occupational Safety and Health                                |
| NTP:      | National Toxicology Program                                                          |
| OSHA:     | Occupational Safety and Health Administration                                        |
| PNEC:     | Predicted No Effect Concentration.                                                   |
| RID:      | Regulation Concerning the International Transport of Dangerous Goods by Rail.        |
| STEL:     | Short Term Exposure limit.                                                           |
| STOT:     | Specific Target Organ Toxicity.                                                      |
| TLV:      | Threshold Limiting Value.                                                            |
| TWA:      | Time-weighted average                                                                |