

# SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2020/878

## POXY COLOR TRAFFIC BLUE RAL5017

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

#### 1.1. Product identifier

**Product name** : POXY COLOR TRAFFIC BLUE RAL5017  
**Registration number REACH** : Not applicable (mixture)  
**Product type REACH** : Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1 Relevant identified uses

Dyestuff

##### 1.2.2 Uses advised against

No uses advised against known

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier of the safety data sheet

Novatio\*  
Industrielaan 5B  
B-2250 Olen  
☎ +32 14 25 76 40  
☎ +32 14 22 02 66  
info@novatio.be  
\*NOVATIO is a registered trademark of Novatech International N.V.

##### Manufacturer of the product

Novatech International N.V.  
Industrielaan 5B  
B-2250 Olen  
☎ +32 14 85 97 37  
☎ +32 14 85 97 38  
info@novatech.be

#### 1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch) :  
+32 14 58 45 45 (BIG)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

#### 2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

##### Supplemental information

EUH210 Safety data sheet available on request.  
EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

#### 2.3. Other hazards

Fine dust is explosive with air  
Warning! Slipping risk

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name<br>REACH Registration No | CAS No<br>EC No        | Conc. (C) | Classification according to CLP | Note | Remark      | M-factors and<br>ATE |
|-------------------------------|------------------------|-----------|---------------------------------|------|-------------|----------------------|
| calcium fluoride              | 7789-75-5<br>232-188-7 | 1%≤C<10%  |                                 | (2)  | Constituent |                      |

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|  |                         |       |               |         |             |  |
|--|-------------------------|-------|---------------|---------|-------------|--|
| titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]<br>01-2119489379-17 | 13463-67-7<br>236-675-5 | C>1 % | Carc. 2; H351 | (1)(2)  | Constituent |  |
| antimony-nickel-titanium-oxide-yellow  | 8007-18-9<br>232-353-3  | C>1 % |               | (2)(10) | Constituent |  |
| barium sulfate   | 7727-43-7<br>231-784-4  | C>1 % |               | (2)     | Constituent |  |
| quartz (SiO <sub>2</sub> )   | 14808-60-7<br>238-878-4 | C>1 % |               | (2)     | Constituent |  |

- (1) For H- and EUH-statements in full: see section 16  
(2) Substance with a Community workplace exposure limit  
(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General:**

If you feel unwell, consult a doctor/medical service.

**After inhalation:**

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

**After skin contact:**

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water.

**After eye contact:**

Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

**After ingestion:**

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

### 4.2. Most important symptoms and effects, both acute and delayed

#### 4.2.1 Acute symptoms

**After inhalation:**

No effects known.

**After skin contact:**

No effects known.

**After eye contact:**

No effects known.

**After ingestion:**

No effects known.

#### 4.2.2 Delayed symptoms

No effects known.

### 4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### 5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Class A foam extinguisher, Water (quick-acting extinguisher, reel).

Major fire: Water, Class A foam.

#### 5.1.2 Unsuitable extinguishing media:

Small fire: Quick-acting BC powder extinguisher, Quick-acting CO<sub>2</sub> extinguisher.

### 5.2. Special hazards arising from the substance or mixture

On burning: release of toxic and corrosive gases/vapours e.g. barium oxide, sulphur oxides, carbon monoxide/carbon dioxide.

### 5.3. Advice for firefighters

#### 5.3.1 Instructions:

Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water.

#### 5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Dust cloud production: self-contained breathing apparatus (EN 136 + EN 137).

Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Prevent dust cloud formation, e.g. by wetting. No naked flames.

#### 6.1.1 Protective equipment for non-emergency personnel

See section 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Dust cloud production: self-contained breathing apparatus (EN 136 + EN 137).

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Suitable protective clothing

See section 8.2

## 6.2. Environmental precautions

Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply. Knock down/dilute dust cloud with water spray.

## 6.3. Methods and material for containment and cleaning up

Stop dust cloud by humidifying. Scoop solid spill into closing containers. Powdered: do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

## 6.4. Reference to other sections

See section 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1. Precautions for safe handling

Avoid raising dust. Use earthed equipment. Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Observe normal hygiene standards. Keep container tightly closed.

### 7.2. Conditions for safe storage, including any incompatibilities

#### 7.2.1 Safe storage requirements:

Meet the legal requirements. Store in a dry area. Protect against frost.

#### 7.2.2 Keep away from:

Heat sources, ignition sources, oxidizing agents, reducing agents, (strong) acids, (strong) bases.

#### 7.2.3 Suitable packaging material:

No data available

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

#### EU

|                                    |   |                           |
|------------------------------------|---|---------------------------|
| Fluorides, inorganic               | Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value) | 2.5 mg/m <sup>3</sup>     |
| Respirable crystalline silica dust | Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value) | 0.1 mg/m <sup>3</sup> (2) |

(2): Respirable fraction

#### Belgium

|  |  |                       |
|--|--|-----------------------|
| Antimoine et ses composés (en Sb)                      | Time-weighted average exposure limit 8 h | 0.5 mg/m <sup>3</sup> |
| Baryum (sulfate de) (sans fibres d'amianté et          | Time-weighted average exposure limit 8 h | 5 mg/m <sup>3</sup>   |
| Fluorures inorganiques (en F)                          | Time-weighted average exposure limit 8 h | 2.5 mg/m <sup>3</sup> |
| Nickel (composés insolubles inorganiques) (en Ni)      | Time-weighted average exposure limit 8 h | 0.2 mg/m <sup>3</sup> |
| Silices cristallines : quartz (poussières alvéolaires) | Time-weighted average exposure limit 8 h | 0.1 mg/m <sup>3</sup> |
| Titane (dioxyde de)                                    | Time-weighted average exposure limit 8 h | 10 mg/m <sup>3</sup>  |

#### The Netherlands

|   |   |                         |
|---|---|-------------------------|
| Antimoon en -verbindingen (als Sb)          | Time-weighted average exposure limit 8 h (Public occupational exposure limit value) | 0.5 mg/m <sup>3</sup>   |
| Fluoriden, anorganisch en oplosbaar (als F) | Short time value (Public occupational exposure limit value)                         | 2 mg/m <sup>3</sup>     |
| Respirabel kristallijn silicastof - kwarts  | Time-weighted average exposure limit 8 h (Public occupational exposure limit value) | 0.03 ppm                |
|   | Time-weighted average exposure limit 8 h (Public occupational exposure limit value) | 0.075 mg/m <sup>3</sup> |

#### France

|                                  |  |                       |
|----------------------------------|--|-----------------------|
| Antimoine et ses composés, en Sb | Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative) | 0.5 mg/m <sup>3</sup> |
| Fluorures inorganiques           | Time-weighted average exposure limit 8 h (VRI: Valeur réglementaire indicative)    | 2.5 mg/m <sup>3</sup> |
| Nickel (oxyde de), en Ni         | Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative) | 1 mg/m <sup>3</sup>   |

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|  |  |                       |
|--|--|-----------------------|
| Silices cristallines : cristobalite, quartz, tridymite | Time-weighted average exposure limit 8 h (VRC: Valeur réglementaire contraignante) | 0.1 mg/m <sup>3</sup> |
| Titane (dioxyde de), en Ti                             | Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative) | 10 mg/m <sup>3</sup>  |

## Germany

|                                |   |                     |
|--------------------------------|---|---------------------|
| Fluoride (als Fluor berechnet) | Time-weighted average exposure limit 8 h (TRGS 900) | 1 mg/m <sup>3</sup> |
|--------------------------------|---|---------------------|

## Austria

|  |                               |                        |
|--|-------------------------------|------------------------|
| Quarzfeinstaub(alveolengängiges kristallines Siliziumdioxid) | Tagesmittelwert (MAK)         | 0.05 mg/m <sup>3</sup> |
| Titandioxid (Alveolarstaub)                                  | Tagesmittelwert (MAK)         | 5 mg/m <sup>3</sup>    |
|  | Kurzzeitwert 60(Miw) 2x (MAK) | 10 mg/m <sup>3</sup>   |

## UK

|  |   |                       |
|--|---|-----------------------|
| Antimony and compounds except stibine (as Sb)                              | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 0.5 mg/m <sup>3</sup> |
| Barium sulphate inhalable dust   | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 10 mg/m <sup>3</sup>  |
| Barium sulphate respirable dust  | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 4 mg/m <sup>3</sup>   |
| Fluorides (inorganic as F)   | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 2.5 mg/m <sup>3</sup> |
| Nickel, insoluble inorganic compounds (as Ni)(except nickel tetracarbonyl) | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 0.5 mg/m <sup>3</sup> |
| Silica, respirable crystalline (respirable fraction)                       | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 0.1 mg/m <sup>3</sup> |
| Titanium dioxide respirable  | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 4 mg/m <sup>3</sup>   |
| Titanium dioxide total inhalable   | Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005)) | 10 mg/m <sup>3</sup>  |

## USA (TLV-ACGIH)

|  |  |                             |
|--|--|-----------------------------|
| Antimony and compounds, as Sb  | Time-weighted average exposure limit 8 h (TLV - Adopted Value) | 0.5 mg/m <sup>3</sup>       |
| Barium sulfate   | Time-weighted average exposure limit 8 h (TLV - Adopted Value) | 5 mg/m <sup>3</sup> (I,E)   |
| Fluorides, as F  | Time-weighted average exposure limit 8 h (TLV - Adopted Value) | 2.5 mg/m <sup>3</sup>       |
| Nickel and inorganic compounds including Nickel subsulfide, as Ni: Insoluble inorganic compounds (NOS) | Time-weighted average exposure limit 8 h (TLV - Adopted Value) | 0.2 mg/m <sup>3</sup> (I)   |
| Silica, crystalline - α-quartz and cristobalite  | Time-weighted average exposure limit 8 h (TLV - Adopted Value) | 0.025 mg/m <sup>3</sup> (R) |
| Titanium dioxide   | Time-weighted average exposure limit 8 h (TLV - Adopted Value) | 10 mg/m <sup>3</sup>        |

I,E: Inhalable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica

(I): Inhalable fraction

(R): Respirable fraction

## b) National biological limit values

If limit values are applicable and available these will be listed below.

### Germany

|  |   |        |  |
|--|---|--------|--|
| Hydrogenfluorid (Fluorwasserstoff) und anorganische Fluorverbindungen (Fluoride (Fluorid)) | Urin: expositionsende, bzw. schichtende | 4 mg/m |  |
|--|---|--------|--|

### USA (BEI-ACGIH)

|  |                                      |         |                         |
|--|--------------------------------------|---------|-------------------------|
| Fluorides (Fluoride)   | Urine: end of shift                  | 3 mg/L  | Background, Nonspecific |
| Fluorides (Fluoride)   | Urine: prior to shift                | 2 mg/L  | Background, Nonspecific |
| Nickel and inorganic compounds; after exposure to soluble compounds (Nickel) | Urine: post-shift at end of workweek | 30 µg/L |                         |

## 8.1.2 Sampling methods

If applicable and available it will be listed below.

## 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

## 8.1.4 Threshold values

### DNEL/DMEL - Workers

#### calcium fluoride

| Effect level (DNEL/DMEL) | Type                                  | Value               | Remark |
|--------------------------|---------------------------------------|---------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 5 mg/m <sup>3</sup> |        |

#### barium sulfate

| Effect level (DNEL/DMEL) | Type                                  | Value                | Remark |
|--------------------------|---------------------------------------|----------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 10 mg/m <sup>3</sup> |        |
| DNEL/DMEL                | Long-term local effects inhalation    | 10 mg/m <sup>3</sup> |        |

### DNEL/DMEL - General population

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## calcium fluoride

| Effect level (DNEL/DMEL) | Type                                  | Value               | Remark |
|--------------------------|---------------------------------------|---------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 1 mg/m <sup>3</sup> |        |
|                          | Long-term systemic effects oral       | 0.02 mg/kg bw/day   |        |

## barium sulfate

| Effect level (DNEL/DMEL) | Type                                  | Value                | Remark |
|--------------------------|---------------------------------------|----------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 10 mg/m <sup>3</sup> |        |
|                          | Long-term systemic effects oral       | 13000 mg/kg bw/day   |        |

## PNEC

### calcium fluoride

| Compartment                         | Value              | Remark |
|-------------------------------------|--------------------|--------|
| Fresh water                         | 0.37 mg/l          |        |
| Fresh water (intermittent releases) | 0.17 mg/l          |        |
| Marine water                        | 0.022 mg/l         |        |
| STP                                 | 104.75 mg/l        |        |
| Soil                                | 21.8 mg/kg soil dw |        |

### antimony-nickel-titanium-oxide-yellow

| Compartment                  | Value     | Remark |
|------------------------------|-----------|--------|
| Fresh water                  | 0.1 mg/l  |        |
| Marine water                 | 0.01 mg/l |        |
| Aqua (intermittent releases) | 1 mg/l    |        |
| STP                          | 568 mg/l  |        |

### barium sulfate

| Compartment          | Value                   | Remark |
|----------------------|-------------------------|--------|
| Fresh water          | 115 µg/l                |        |
| STP                  | 62.2 mg/l               |        |
| Fresh water sediment | 600.4 mg/kg sediment dw |        |
| Soil                 | 207.7 mg/kg soil dw     |        |

#### 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Avoid raising dust. Use earthed equipment. Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

### 8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Dust production: dust mask with filter type P3.

#### b) Hand protection:

Protective gloves against chemicals (EN 374).

#### c) Eye protection:

Safety glasses (EN 166). In case of dust production: protective goggles (EN 166).

#### d) Skin protection:

Protective clothing (EN 14605 or EN 13034).

### 8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                         |                                     |
|-------------------------|-------------------------------------|
| Physical form           | Powder                              |
| Odour                   | Characteristic odour                |
| Odour threshold         | No data available in the literature |
| Colour                  | Blue                                |
| Particle size           | No data available in the literature |
| Explosion limits        | No data available in the literature |
| Flammability            | Not classified as flammable         |
| Log Kow                 | Not applicable (mixture)            |
| Dynamic viscosity       | Not applicable (solid)              |
| Kinematic viscosity     | Not applicable (solid)              |
| Melting point           | No data available in the literature |
| Boiling point           | No data available in the literature |
| Relative vapour density | Not applicable (solid)              |
| Vapour pressure         | No data available in the literature |
| Solubility              | No data available in the literature |
| Relative density        | No data available in the literature |

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|                           |                                     |
|---------------------------|-------------------------------------|
| Absolute density          | No data available in the literature |
| Decomposition temperature | No data available in the literature |
| Auto-ignition temperature | No data available in the literature |
| Flash point               | Not applicable (solid)              |
| pH                        | No data available in the literature |

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Heating increases the fire hazard.

### 10.2. Chemical stability

No data available.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

#### Precautionary measures

Avoid raising dust. Use earthed equipment. Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks.

### 10.5. Incompatible materials

Oxidizing agents, reducing agents, (strong) acids, (strong) bases.

### 10.6. Hazardous decomposition products

Reacts with (some) acids: release of toxic/combustible gases/vapours (hydrogen sulphide). On burning: release of toxic and corrosive gases/vapours e.g. barium oxide, sulphur oxides, carbon monoxide/carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### 11.1.1 Test results

#### Acute toxicity

##### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

#### **Conclusion**

Not classified for acute toxicity

#### Corrosion/irritation

##### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

#### **Conclusion**

Not classified as irritating to the skin  
Not classified as irritating to the eyes  
Not classified as irritating to the respiratory system

#### Respiratory or skin sensitisation

##### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

#### **Conclusion**

Not classified as sensitizing for inhalation  
Not classified as sensitizing for skin

#### Specific target organ toxicity

##### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

#### **Conclusion**

Not classified for subchronic toxicity

#### Mutagenicity (in vitro)

##### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

#### Mutagenicity (in vivo)

##### POXY COLOR TRAFFIC BLUE RAL5017

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No (test)data on the mixture available

## **Conclusion**

Not classified for mutagenic or genotoxic toxicity

## **Carcinogenicity**

### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ .

## **Conclusion**

Not classified for carcinogenicity

## **Reproductive toxicity**

### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

## **Conclusion**

Not classified for reprotoxic or developmental toxicity

## **Toxicity other effects**

### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

## **Chronic effects from short and long-term exposure**

### POXY COLOR TRAFFIC BLUE RAL5017

Respiratory difficulties.

## **11.2. Information on other hazards**

No evidence of endocrine disrupting properties

## SECTION 12: Ecological information

### **12.1. Toxicity**

#### POXY COLOR TRAFFIC BLUE RAL5017

No (test)data on the mixture available

## **Conclusion**

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

### **12.2. Persistence and degradability**

#### **Water**

Biodegradability: not applicable

### **12.3. Bioaccumulative potential**

#### POXY COLOR TRAFFIC BLUE RAL5017

#### **Log Kow**

| Method | Remark                   | Value | Temperature | Value determination |
|--------|--------------------------|-------|-------------|---------------------|
|        | Not applicable (mixture) |       |             |                     |

## **Conclusion**

Does not contain bioaccumulative component(s)

### **12.4. Mobility in soil**

No (test)data on mobility of the component(s) available

### **12.5. Results of PBT and vPvB assessment**

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

### **12.6. Endocrine disrupting properties**

No evidence of endocrine disrupting properties

### **12.7. Other adverse effects**

#### POXY COLOR TRAFFIC BLUE RAL5017

#### **Greenhouse gases**

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

#### **Ozone-depleting potential (ODP)**

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

#### **Groundwater**

Groundwater pollutant

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## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1. Waste treatment methods

#### 13.1.1 Provisions relating to waste

##### European Union

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

07 03 99 (wastes from the MFSU of organic dyes and pigments (except 06 11): wastes not otherwise specified). Depending on branch of industry and production process, also other waste codes may be applicable.

#### 13.1.2 Disposal methods

Recycle/reuse. Remove waste in accordance with local and/or national regulations. Remove to an authorized waste treatment plant. Do not discharge into drains or the environment.

#### 13.1.3 Packaging/Container

No data available

## SECTION 14: Transport information

### Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

#### 14.1. UN number

|           |             |
|-----------|-------------|
| Transport | Not subject |
|-----------|-------------|

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

|                              |  |
|------------------------------|--|
| Hazard identification number |  |
| Class                        |  |
| Classification code          |  |

#### 14.4. Packing group

|               |  |
|---------------|--|
| Packing group |  |
| Labels        |  |

#### 14.5. Environmental hazards

|  |    |
|--|----|
| Environmentally hazardous substance mark | no |
|--|----|

#### 14.6. Special precautions for user

|                    |  |
|--------------------|--|
| Special provisions |  |
| Limited quantities |  |

#### 14.7. Maritime transport in bulk according to IMO instruments

|                          |                |
|--------------------------|----------------|
| Annex II of MARPOL 73/78 | Not applicable |
|--------------------------|----------------|

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European legislation:

VOC content Directive 2010/75/EU

| VOC content | Remark            |
|-------------|-------------------|
|             | Insufficient data |

Directive 2012/18/EU (Seveso III)

Not subject to registration according to Directive 2012/18/EU (Seveso III)

European drinking water standards (98/83/EC and 2020/2184)

#### calcium fluoride

| Parameter | Parametric value | Note | Reference  |
|-----------|------------------|------|--|
| Fluoride  | 1.5 mg/l         |      | Listed in Annex I, Part B, of Directive (EU) 2020/2184 on the quality of water intended for human consumption. |

#### antimony-nickel-titanium-oxide-yellow

| Parameter | Parametric value | Note | Reference  |
|-----------|------------------|------|--|
| Antimony  | 10 µg/l          |      | Listed in Annex I, Part B, of Directive (EU) 2020/2184 on the quality of water intended for human consumption. |

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

#### National legislation Belgium

POXY COLOR TRAFFIC BLUE RAL5017

No data available

Reason for revision: 2.3, 3, 9, 12

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# POXY COLOR TRAFFIC BLUE RAL5017

quartz (SiO<sub>2</sub>)

|   |  |
|---|--|
| Additional classification   | Silices cristallines : quartz (poussières alvéolaires); C; La mention "C" signifie que l'agent en question relève du champ d'application de l'arrêté royal du 2 décembre 1993 concernant la protection des travailleurs contre les risques liés à l'exposition à des agents cancérigènes et mutagènes et reprotoxiques au travail. |
| Agents cancérigènes, mutagènes et reprotoxiques (Code du bien-être au travail, Livre VI, titre 2) | silice cristalline alvéolaire; VI.2.3.; Liste non limitative de substances, mélanges et procédés visés à l'article VI.2-1, alinéa 3  |

## National legislation The Netherlands

POXY COLOR TRAFFIC BLUE RAL5017

|                     |   |
|---------------------|---|
| Waterbevaarlijkheid | Z (1); Algemene Beoordelingsmethodiek (ABM) |
|---------------------|---|

## National legislation France

POXY COLOR TRAFFIC BLUE RAL5017

No data available

## National legislation Germany

POXY COLOR TRAFFIC BLUE RAL5017

|     |  |
|-----|--|
| WGK | 1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017 |
|-----|--|

## National legislation Austria

POXY COLOR TRAFFIC BLUE RAL5017

No data available

## National legislation United Kingdom

POXY COLOR TRAFFIC BLUE RAL5017

No data available

## Other relevant data

POXY COLOR TRAFFIC BLUE RAL5017

No data available

## 15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

## SECTION 16: Other information

### Full text of any H- and EUH-statements referred to under section 3:

H351 Suspected of causing cancer if inhaled.

EUH210 Safety data sheet available on request.

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

|              |  |
|--------------|--|
| (*)          | INTERNAL CLASSIFICATION BY BIG   |
| ADI          | Acceptable daily intake  |
| AOEL         | Acceptable operator exposure level   |
| ATE          | Acute Toxicity Estimate  |
| CLP (EU-GHS) | Classification, labelling and packaging (Globally Harmonised System in Europe) |
| DMEL         | Derived Minimal Effect Level   |
| DNEL         | Derived No Effect Level  |
| EC50         | Effect Concentration 50 %  |
| ErC50        | EC50 in terms of reduction of growth rate                                      |
| LC50         | Lethal Concentration 50 %  |
| LD50         | Lethal Dose 50 %   |
| NOAEL        | No Observed Adverse Effect Level   |
| NOEC         | No Observed Effect Concentration   |
| OECD         | Organisation for Economic Co-operation and Development                         |
| PBT          | Persistent, Bioaccumulative & Toxic  |
| PNEC         | Predicted No Effect Concentration  |
| STP          | Sludge Treatment Process   |
| vPvB         | very Persistent & very Bioaccumulative   |

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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