

# W-POXI ENG 127 R BLUE W RAL 5005 COMPONENT A

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 2/3/2026 Revision date: 2/3/2026 Version: 6.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : W-POXI ENG 127 R BLUE W RAL 5005 COMPONENT A  
Product code : 18897538  
Type of product : Paint  
Product group : Trade product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Coating for maintenance sector

#### 1.4. Supplier's details

##### WEG TINTAS LTDA - GRUPO WEG

##### Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

##### Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

##### Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

##### Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

##### Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

##### Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

##### Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

#### 1.5. Emergency phone number

Emergency number :

|                                      |             |                                  |                         |
|--------------------------------------|-------------|----------------------------------|-------------------------|
| <b>24-HOUR EMERGENCY - AMBIPAR</b>   |             | 0800 117 2020                    |                         |
| <b>CHEMTREC international number</b> |             | +1-703-527-3887 e 1-800-424-9300 |                         |
| <b>Country</b>                       | <b>City</b> | <b>Local Number</b>              | <b>Toll-Free Number</b> |
| Austria                              | Vienna      | +43-1-3649237                    |                         |
| Austria                              |             |                                  | 0800 293702             |
| China                                |             | 400 120 4937                     |                         |
| France                               |             | +33-975181407                    |                         |
| Germany                              |             |                                  | 0800-181-7059           |

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|                |           |                  |                  |
|----------------|-----------|------------------|------------------|
| India          | Bangalore | +91 8071 279 207 |                  |
| India          |           |                  | 000 800 1007 141 |
| Italy          | Milan     | +39-02 4555 7031 |                  |
| Italy          |           |                  | 800 789 767      |
| Netherlands    |           | +31-85 888 0596  |                  |
| South Africa   |           |                  | 080-001-4676     |
| United Kingdom | London    | +44 20 3807 3798 |                  |
| South korea    |           |                  | 080-880-0454     |
| Japan          |           |                  | 0800-300-5842    |

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification according to GHS BR (ABNT NBR 14725: 2023)

Flammable liquids, Category 3  
Acute toxicity (dermal), Category 5  
Skin corrosion/irritation, Category 2  
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation  
Specific target organ toxicity — Repeated exposure, Category 2  
Aspiration hazard, Category 1  
Hazardous to the aquatic environment - Acute Hazard, Category 2  
Hazardous to the aquatic environment - Chronic Hazard, Category 2

### 2.2. GHS Label elements, including precautionary statements

#### GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H313 - May be harmful in contact with skin  
H315 - Causes skin irritation  
H335 - May cause respiratory irritation  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS BR)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground and bond container and receiving equipment.  
P241 - Use explosion-proof equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.

### 2.3. Other hazards which do not result in classification

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                                          | GHS Product identifier | Conc. (% w/w) | Classification according to GHS BR (ABNT NBR 14725: 2023)                                                                                                                                                                                                                                         |
|-----------------------------------------------|------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MIXED XYLENES                                 | CAS-No.: 1330-20-7     | 20 – 40       | Flam. Liq. 3, H226<br>Acute Tox. 5 (Oral), H303<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412 |
| sec-butyl acetate                             | CAS-No.: 105-46-4      | 10 – 20       | Flam. Liq. 2, H225<br>Acute Tox. 5 (Oral), H303                                                                                                                                                                                                                                                   |
| n-butyl acetate                               | CAS-No.: 123-86-4      | 5 – 10        | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412                                                                                                                                                                                                         |
| 2-methoxy-1-methylethyl acetate               | CAS-No.: 108-65-6      | 5 – 10        | Flam. Liq. 3, H226<br>Acute Tox. 5 (Dermal), H313<br>Aquatic Acute 3, H402                                                                                                                                                                                                                        |
| ADDITIVE PLASTICIZER                          | CAS-No.: 103-23-1      | 1 – 5         | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                                                                                                                                                                                                  |
| Poly(Bisphenol A-co-epichlorohydrin) glycidyl | CAS-No.: 25036-25-3    | 1 – 5         | Acute Tox. 5 (Oral), H303<br>Acute Tox. 5 (Dermal), H313                                                                                                                                                                                                                                          |
| Pigment Blue 15                               | CAS-No.: 147-14-8      | 1 – 5         | Aquatic Acute 3, H402<br>Aquatic Chronic 4, H413                                                                                                                                                                                                                                                  |
| trizinc bis(orthophosphate)                   | CAS-No.: 7779-90-0     | 1 – 5         | STOT RE 2, H373<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                                                                                                                                                                               |

### SECTION 4: First-aid measures

#### 4.1. Description of necessary first-aid measures

|                                       |                                                                                                                                                                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If you feel unwell, seek medical advice.                                                                                                                                                                  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Immediately call a POISON CENTER/doctor.                                               |
| First-aid measures after skin contact | : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. |
| First-aid measures after eye contact  | : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.                                                                                                             |
| First-aid measures after ingestion    | : Do not induce vomiting/risk of damage to lungs exceeds poisoning risk.                                                                                                                                    |

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

|                                     |                                                                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause damage to organs through prolonged or repeated exposure. May cause respiratory irritation. May be fatal if swallowed and enters airways. |
| Symptoms/effects after inhalation   | : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).                                                                 |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. Causes skin irritation. irritation (itching, redness, blistering).                                            |
| Symptoms/effects after eye contact  | : May cause eye irritation. stinging. Redness.                                                                                                       |
| Symptoms/effects after ingestion    | : May cause irritation to the digestive tract. Risk of lung oedema.                                                                                  |

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

|                    |                         |
|--------------------|-------------------------|
| Notes to physician | : Treat symptomatically |
|--------------------|-------------------------|

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Suitable extinguishing media   | : Dry chemical, CO2, or water spray or regular foam. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                   |

### 5.2. Specific hazards arising from the chemical

|                  |                                                                                                                                                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire hazard      | : Flammable liquid and vapour. The vapours are denser than air and may travel along the ground. Distance ignition possible. Agitation can cause build up of electrostatic charge. Vapours may cause fire/explosion if source of ignition is present. In case of fire and/or explosion do not breathe fumes. |
| Explosion hazard | : Vapours may form explosive mixture with air. Prolonged exposure to fire may cause containers to rupture/explode.                                                                                                                                                                                          |

### 5.3. Special protective actions for fire-fighters

|                                |                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary measures fire    | : Keep container closed when not in use. This product is not to be used under conditions of poor ventilation.                                                                                                                                                                                                                                 |
| Firefighting instructions      | : Get the package away from the fire if this can be done without risk. Fight fire from a safe distance or use hoses with support or cannon engine. Cool laterally with water containers exposed to flames, even after the fire is extinguished. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing.                                                                                                                                                                                                                                                                  |

## SECTION 6: Accidental release measures

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

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures | : Eliminate every possible source of ignition. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                                                                                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                                                                                                                                                                             |
| Emergency procedures | : No flames, no sparks. Eliminate all sources of ignition. Do not touch or walk on the spilled product. Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities. |

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Use self-contained breathing apparatus and chemically protective clothing. Gloves. Wear security glasses which protect from splashes. Self-contained breathing apparatus. Equip |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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Emergency procedures

- cleanup crew with proper protection.
- : Keep away from combustible material. All equipment used when handling the product must be grounded. Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. Notify authorities if product enters sewers or public waters.

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

For containment

- : Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up

- : Absorb remaining liquid with sand or inert absorbent and remove to safe place. Clean contaminated surfaces with an excess of water. Absorb spillage to prevent material damage. Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed

- : Flammable vapours may accumulate in the container.

Precautions for safe handling

- : Provide adequate ventilation to minimize dust and/or vapour concentrations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle carefully. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Ensure good ventilation of the work station. Keep only in original container. Do not handle until all safety precautions have been read and understood.

Hygiene measures

- : Always wash hands after handling the product. Remove contaminated clothes. Do not eat, drink or smoke when using this product.

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

Storage conditions

- : Keep cool. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Protect from sunlight.

Incompatible materials

- : combustible materials.

Packaging materials

- : Always store product in container of same material as original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| MIXED XYLENES 1330-20-7                    |                                                                                                                                                                              |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                                                                              |
| Local name                                 | Xylene, mixed isomers (Dimethylbenzene)                                                                                                                                      |
| ACGIH® TLV® TWA                            | 20 ppm                                                                                                                                                                       |
| Remark (ACGIH®)                            | TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene).<br>Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI |
| Regulatory reference                       | ACGIH 2025                                                                                                                                                                   |
| USA - ACGIH - Biological Exposure Indices  |                                                                                                                                                                              |
| Local name                                 | Xylene, all isomers (Dimethylbenzene)                                                                                                                                        |
| BEI                                        | 0.3 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End                                                                                      |

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| MIXED XYLENES 1330-20-7                    |                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                            | of shift                                                                                                                                                                                                                                                                                                                                                                                 |
| Remark                                     | Commercial or technical grade xylenes consist of mixtures of isomers and significant amounts of ethyl benzene as indicated under "Properties." Because ethyl benzene is known to reduce the metabolism of xylenes to methylhippuric acids, the BEI applies to technical or commercial grades of xylenes only. The determinants refer to the total of all isomers of methylhippuric acids |
| Regulatory reference                       | ACGIH 2025                                                                                                                                                                                                                                                                                                                                                                               |
| USA - OSHA - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                 | Xylenes (o-, m-, p-isomers)                                                                                                                                                                                                                                                                                                                                                              |
| OSHA PEL TWA                               | 435 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                    |
|                                            | 100 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1                                                                                                                                                                                                                                                                                                                                                                 |
| sec-butyl acetate 105-46-4                 |                                                                                                                                                                                                                                                                                                                                                                                          |
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                 | sec-Butyl acetate                                                                                                                                                                                                                                                                                                                                                                        |
| ACGIH® TLV® TWA                            | 50 ppm                                                                                                                                                                                                                                                                                                                                                                                   |
| ACGIH® TLV® STEL                           | 150 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| Remark (ACGIH®)                            | TLV® Basis: Eye & URT irr                                                                                                                                                                                                                                                                                                                                                                |
| Regulatory reference                       | ACGIH 2024                                                                                                                                                                                                                                                                                                                                                                               |
| USA - OSHA - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                 | sec-Butyl acetate                                                                                                                                                                                                                                                                                                                                                                        |
| OSHA PEL TWA                               | 950 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                    |
|                                            | 200 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1                                                                                                                                                                                                                                                                                                                                                                 |
| n-butyl acetate 123-86-4                   |                                                                                                                                                                                                                                                                                                                                                                                          |
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                 | n-Butyl acetate                                                                                                                                                                                                                                                                                                                                                                          |
| ACGIH® TLV® TWA                            | 50 ppm                                                                                                                                                                                                                                                                                                                                                                                   |
| ACGIH® TLV® STEL                           | 150 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| Remark (ACGIH®)                            | TLV® Basis: Eye & URT irr                                                                                                                                                                                                                                                                                                                                                                |
| Regulatory reference                       | ACGIH 2024                                                                                                                                                                                                                                                                                                                                                                               |
| USA - OSHA - Occupational Exposure Limits  |                                                                                                                                                                                                                                                                                                                                                                                          |
| Local name                                 | n-Butyl-acetate                                                                                                                                                                                                                                                                                                                                                                          |
| OSHA PEL TWA                               | 710 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                    |
|                                            | 150 ppm                                                                                                                                                                                                                                                                                                                                                                                  |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1                                                                                                                                                                                                                                                                                                                                                                 |

## 8.2. Appropriate engineering controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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### 8.3. Individual protection measures

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves made of PVC

#### Eye protection:

Wear closed safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| Physical state                                  | : Liquid                       |
| Appearance                                      | : Liquid.                      |
| Colour                                          | : Blue                         |
| Odour                                           | : characteristic               |
| Odour threshold                                 | : Not available                |
| pH                                              | : Not available                |
| Melting point                                   | : Not available                |
| Freezing point                                  | : Not available                |
| Boiling point                                   | : Not available                |
| Flash point                                     | : 31 °C                        |
| Relative evaporation rate (butylacetate=1)      | : Not available                |
| Flammability                                    | : Not available                |
| Explosive limits                                | : Not available                |
| Vapour pressure                                 | : Not available                |
| Relative vapour density at 20°C                 | : Not available                |
| Relative density                                | : Not available                |
| Density                                         | : 1.05 – 1.15 g/cm³            |
| Solubility                                      | : Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                |
| Auto-ignition temperature                       | : Not available                |
| Decomposition temperature                       | : Not available                |
| Viscosity, kinematic                            | : Not available                |
| Viscosity, dynamic                              | : 65 – 75 ku/kg                |
| Particle size                                   | : Not applicable               |
| Particle size distribution                      | : Not applicable               |

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|                                |                  |
|--------------------------------|------------------|
| Particle shape                 | : Not applicable |
| Particle aspect ratio          | : Not applicable |
| Particle specific surface area | : Not applicable |

### MIXED XYLENES1330-20-7

|                           |                                |
|---------------------------|--------------------------------|
| Boiling point             | 138 °C Source: ICSC            |
| Flash point               | 30 °C (ASTM D 93)              |
| Auto-ignition temperature | ≥ 528 °C Source: SRC           |
| Vapour pressure           | 8.84 mm Hg at 25°C Source: SRC |

### ADDITIVE PLASTICIZER103-23-1

|                           |             |
|---------------------------|-------------|
| Boiling point             | 214 °C      |
| Flash point               | 181 °C      |
| Auto-ignition temperature | 395 °C      |
| Vapour pressure           | 0.225 mm Hg |

### 2-methoxy-1-methylethyl acetate108-65-6

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Boiling point             | 145.8 °C Atm. press.: 760 mm Hg Decomposition: 'no'                |
| Flash point               | 45.5 °C Atm. press.: 101,3 kPa                                     |
| Auto-ignition temperature | 315 °C Source: International Uniform Chemical Information Database |
| Vapour pressure           | 3.75 mm Hg Source: National Institute of Technology and Evaluation |

### Poly(Bisphenol A-co-epichlorohydrin) glycidyl25036-25-3

|             |          |
|-------------|----------|
| Flash point | > 200 °C |
|-------------|----------|

### Pigment Blue 15147-14-8

|                           |                              |
|---------------------------|------------------------------|
| Auto-ignition temperature | 356 °C Source: ECHA          |
| Vapour pressure           | < 0 hPa at 20°C Source: ECHA |

### sec-butyl acetate105-46-4

|                 |                               |
|-----------------|-------------------------------|
| Boiling point   | 112 °C Source: HSDB           |
| Flash point     | 17 °C Source: ICSC            |
| Vapour pressure | 1.33 kPa at 20°C Source: ICSC |

### n-butyl acetate123-86-4

|                           |                                 |
|---------------------------|---------------------------------|
| Boiling point             | 126.2 °C Atm. press.: 1013 hPa  |
| Flash point               | 27 °C Atm. press.: 1013 hPa     |
| Auto-ignition temperature | 420 °C Source: ICSC             |
| Vapour pressure           | 11.5 mm Hg at 25°C Source: hSDB |

## 9.2. Data relevant with regard to physical hazard classes

VOC Total (g/l) : 707.76 g/l

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VOC Total (lb/gal) : 5.91 lb/gal

### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

|                                    |                                                                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical stability                 | : In use may form flammable/explosive vapour-air mixture.                                                                                                                       |
| Conditions to avoid                | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with hot surfaces. High temperature. Avoid formation of vapours. |
| Hazardous decomposition products   | : May liberate toxic gases.                                                                                                                                                     |
| Incompatible materials             | : Combustible materials.                                                                                                                                                        |
| Possibility of hazardous reactions | : Liquids/vapours may ignite or react with other materials.                                                                                                                     |
| Reactivity                         | : The product is non-reactive under normal conditions of use, storage and transport.                                                                                            |
| Handling temperature               | : No additional information available                                                                                                                                           |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                                        |
|-----------------------------|----------------------------------------|
| Acute toxicity (oral)       | : Not available                        |
| Acute toxicity (dermal)     | : May be harmful in contact with skin. |
| Acute toxicity (inhalation) | : Not available                        |

#### W-POXI ENG 127 R BLUE W RAL 5005 COMPONENT A

|                 |                           |
|-----------------|---------------------------|
| ATE BR (dermal) | 2792.486 mg/kg bodyweight |
|-----------------|---------------------------|

#### MIXED XYLENES (1330-20-7)

|                             |                                                         |
|-----------------------------|---------------------------------------------------------|
| LD50 oral rat               | 3523 mg/kg Source: ECHA                                 |
| LD50 dermal rabbit          | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male |
| LC50 Inhalation - Rat [ppm] | 5922 ppm                                                |

#### ADDITIVE PLASTICIZER (103-23-1)

|                    |             |
|--------------------|-------------|
| LD50 oral rat      | 9100 mg/kg  |
| LD50 dermal rabbit | 14752 mg/kg |

#### 2-methoxy-1-methylethyl acetate (108-65-6)

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| LD50 oral rat      | 8532 mg/kg Source: International Uniform Chemical Information Database                                       |
| LD50 dermal rat    | > 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | > 5000 mg/kg Source: International Uniform Chemical Information Database                                     |

#### Poly(Bisphenol A-co-epichlorohydrin) glycidyl (25036-25-3)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

#### Pigment Blue 15 (147-14-8)

|                 |                           |
|-----------------|---------------------------|
| LD50 oral rat   | > 6400 mg/kg Source: ECHA |
| LD50 dermal rat | > 5000 mg/kg Source: ECHA |

#### trizinc bis(orthophosphate) (7779-90-0)

|               |                                                                                 |
|---------------|---------------------------------------------------------------------------------|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral) |
|---------------|---------------------------------------------------------------------------------|

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### trizinc bis(orthophosphate) (7779-90-0)

|                       |                                       |
|-----------------------|---------------------------------------|
|                       | Toxicity)                             |
| LC50 Inhalation - Rat | > 5700 mg/m <sup>3</sup> Source: ECHA |

### sec-butyl acetate (105-46-4)

|                             |                               |
|-----------------------------|-------------------------------|
| LD50 oral rat               | 3200 mg/kg Source: ChemIDplus |
| LC50 Inhalation - Rat [ppm] | 24000 ppm Source: ChemIDplus  |

### n-butyl acetate (123-86-4)

|                                 |                            |
|---------------------------------|----------------------------|
| LD50 oral rat                   | 3200 ml/kg Source: ECHA    |
| LD50 dermal rabbit              | > 17600 mg/kg Source: ECHA |
| LC50 Inhalation - Rat (Vapours) | 1802 mg/l Source: ECHA     |

Skin corrosion/irritation : Causes skin irritation.

### MIXED XYLENES (1330-20-7)

|    |   |
|----|---|
| pH | 7 |
|----|---|

### Pigment Blue 15 (147-14-8)

|    |       |
|----|-------|
| pH | 6 – 9 |
|----|-------|

### n-butyl acetate (123-86-4)

|    |                                         |
|----|-----------------------------------------|
| pH | 6.2 Temp.: 20 °C Concentration: 5,3 g/L |
|----|-----------------------------------------|

Serious eye damage/irritation : Not available

### MIXED XYLENES (1330-20-7)

|    |   |
|----|---|
| pH | 7 |
|----|---|

### Pigment Blue 15 (147-14-8)

|    |       |
|----|-------|
| pH | 6 – 9 |
|----|-------|

### n-butyl acetate (123-86-4)

|    |                                         |
|----|-----------------------------------------|
| pH | 6.2 Temp.: 20 °C Concentration: 5,3 g/L |
|----|-----------------------------------------|

Respiratory or skin sensitisation : Not available

Germ cell mutagenicity : Not available

Carcinogenicity : Not available

### MIXED XYLENES (1330-20-7)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

### ADDITIVE PLASTICIZER (103-23-1)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not available

STOT-single exposure : May cause respiratory irritation.

### MIXED XYLENES (1330-20-7)

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

### n-butyl acetate (123-86-4)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

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### MIXED XYLENES (1330-20-7)

LOAEL (oral, rat, 90 days) 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

### 2-methoxy-1-methylethyl acetate (108-65-6)

NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

### trizinc bis(orthophosphate) (7779-90-0)

LOAEL (oral, rat, 90 days) 53.8 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

NOAEL (oral, rat, 90 days) 31.52 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

### n-butyl acetate (123-86-4)

LOAEL (oral, rat, 90 days) 500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)

NOAEL (oral, rat, 90 days) 125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)

Aspiration hazard : May be fatal if swallowed and enters airways.

### W-POXI ENG 127 R BLUE W RAL 5005 COMPONENT A

Viscosity, kinematic 1.707 – 2.157 mm<sup>2</sup>/s

### MIXED XYLENES (1330-20-7)

Viscosity, kinematic ≈ 0.76 mm<sup>2</sup>/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm<sup>2</sup>/s)'

### 2-methoxy-1-methylethyl acetate (108-65-6)

Viscosity, kinematic 1.182 mm<sup>2</sup>/s

### n-butyl acetate (123-86-4)

Viscosity, kinematic 0.83 mm<sup>2</sup>/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm<sup>2</sup>/s)'

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

Symptoms/effects : May cause damage to organs through prolonged or repeated exposure. May cause respiratory irritation. May be fatal if swallowed and enters airways.

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : May be harmful in contact with skin. Causes skin irritation. irritation (itching, redness, blistering).

Symptoms/effects after eye contact : May cause eye irritation. stinging. Redness.

Symptoms/effects after ingestion : May cause irritation to the digestive tract. Risk of lung oedema.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

Hazardous to the aquatic environment, short-term (acute) : Toxic to aquatic life.

Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.

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(chronic)

### MIXED XYLENES1330-20-7

|                      |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 2.6 mg/l Source: ECHA                                                                                      |
| EC50 - Crustacea [1] | 3.4 mg/l Test organisms (species): Ceriodaphnia dubia                                                      |
| ErC50 algae          | 2.2 mg/l                                                                                                   |
| LOEC (chronic)       | 3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                         |
| NOEC chronic fish    | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' |

### ADDITIVE PLASTICIZER103-23-1

|                 |           |
|-----------------|-----------|
| LC50 - Fish [1] | 0.78 mg/l |
|-----------------|-----------|

### 2-methoxy-1-methylethyl acetate108-65-6

|                      |                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 100 mg/l Test organisms (species): Oryzias latipes                                                                                        |
| EC50 - Crustacea [1] | 500 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 72h - Algae [1] | 1000 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)       | ≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                       |
| NOEC chronic fish    | 47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'                                                                      |

### Pigment Blue 15147-14-8

|                      |                         |
|----------------------|-------------------------|
| LC50 - Fish [1]      | ≥ 100 mg/l Source: ECHA |
| EC50 72h - Algae [1] | > 100 mg/l Source: ECHA |

### trizinc bis(orthophosphate)7779-90-0

|                      |                     |
|----------------------|---------------------|
| LC50 - Fish [1]      | 2 (0.14 – 2.6) mg/l |
| EC50 - Crustacea [1] | 2.44 mg/l           |
| EC50 72h - Algae [1] | 0.14 mg/l           |

### n-butyl acetate123-86-4

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 18 mg/l Test organisms (species): Pimephales promelas                                                                                    |
| EC50 - Crustacea [1] | 44 mg/l Test organisms (species): Daphnia sp.                                                                                            |
| EC50 72h - Algae [1] | 397 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 246 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)       | 47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                       |
| NOEC (chronic)       | 23.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                       |

## 12.2. Persistence and degradability

### W-POXI ENG 127 R BLUE W RAL 5005 COMPONENT A

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### MIXED XYLENES1330-20-7

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

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### ADDITIVE PLASTICIZER103-23-1

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 2-methoxy-1-methylethyl acetate108-65-6

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Poly(Bisphenol A-co-epichlorohydrin) glycidyl25036-25-3

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Pigment Blue 15147-14-8

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### trizinc bis(orthophosphate)7779-90-0

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### sec-butyl acetate105-46-4

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### n-butyl acetate123-86-4

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

## 12.3. Bioaccumulative potential

### MIXED XYLENES1330-20-7

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.15 Source: HSDB |
|-------------------------------------------------|-------------------|

### ADDITIVE PLASTICIZER103-23-1

|                                                 |      |
|-------------------------------------------------|------|
| Partition coefficient n-octanol/water (Log Pow) | 6114 |
|-------------------------------------------------|------|

### 2-methoxy-1-methylethyl acetate108-65-6

|                                                 |                                                                  |
|-------------------------------------------------|------------------------------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.43 Source: International Uniform Chemical Information Database |
|-------------------------------------------------|------------------------------------------------------------------|

### Pigment Blue 15147-14-8

|                                                 |                  |
|-------------------------------------------------|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 6.6 Source: HSDB |
|-------------------------------------------------|------------------|

### sec-butyl acetate105-46-4

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.72 Source: HSDB |
|-------------------------------------------------|-------------------|

### n-butyl acetate123-86-4

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.78 Source: HSDB |
|-------------------------------------------------|-------------------|

## 12.4. Mobility in soil

No additional information available

## 12.5. Other adverse effects

Hazardous to the ozone layer : Not available

## SECTION 13: Disposal considerations

|                                            |                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Must follow special treatment according to local regulation.                       |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                           |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                           |
| Additional information                     | : Flammable vapours may accumulate in the container. Do not re-use empty containers. |

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### SECTION 14: Transport information

#### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

| ANTT                                                                               | IMDG                                                                                                                                                                      | IATA                                                                                 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>UN number</b>                                                                   |                                                                                                                                                                           |                                                                                      |
| 1263                                                                               | 1263                                                                                                                                                                      | 1263                                                                                 |
| <b>UN Proper Shipping Name</b>                                                     |                                                                                                                                                                           |                                                                                      |
| TINTA                                                                              | PAINT                                                                                                                                                                     | Paint                                                                                |
| <b>Transport document description</b>                                              |                                                                                                                                                                           |                                                                                      |
| Not applicable                                                                     | UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS (31°C c.c.)                                                                                             | UN 1263 Paint, 3, III                                                                |
| <b>Transport hazard class(es)</b>                                                  |                                                                                                                                                                           |                                                                                      |
| 3                                                                                  | 3                                                                                                                                                                         | 3                                                                                    |
| <b>Danger labels</b>                                                               |                                                                                                                                                                           |                                                                                      |
| 3                                                                                  | 3                                                                                                                                                                         | 3                                                                                    |
|  | <br> |  |
| <b>Subsidiary risk</b>                                                             |                                                                                                                                                                           |                                                                                      |
| Not applicable                                                                     | Not applicable                                                                                                                                                            | Not applicable                                                                       |
| <b>Risk Number</b>                                                                 |                                                                                                                                                                           |                                                                                      |
| 30                                                                                 | Not applicable                                                                                                                                                            | Not applicable                                                                       |
| <b>Packing group</b>                                                               |                                                                                                                                                                           |                                                                                      |
| III                                                                                | III                                                                                                                                                                       | III                                                                                  |
| <b>Special provisions</b>                                                          |                                                                                                                                                                           |                                                                                      |
| 163,223,367                                                                        | 163,223,367,955                                                                                                                                                           | A3,A72,A192                                                                          |
| <b>Dangerous for the environment</b>                                               |                                                                                                                                                                           |                                                                                      |
| Yes                                                                                | Yes                                                                                                                                                                       | Yes                                                                                  |

#### 14.2 Other informations

No additional information available

### SECTION 15: Regulatory information

#### 15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.

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Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.

Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26

Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials

Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.

Law No. 12.305, of August 2, 2010 (National Policy on Solid Waste)

### SECTION 16: Other information

#### Abbreviations and acronyms

: CAS-No. - Chemical Abstracts Service number  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
BCF - Bioconcentration factor  
EC50 - Median effective concentration  
LC50 - Median lethal concentration  
VOC - Volatile Organic Compounds  
LD50 - Median lethal dose  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
COD - Chemical oxygen demand (COD)  
ATE - Acute Toxicity Estimate  
IMDG - International Maritime Dangerous Goods  
IATA - International Air Transport Association  
EC-No. - European Community number  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class  
IOELV - Indicative Occupational Exposure Limit Value  
BLV - Biological limit value  
TRGS - Technical Rules for Hazardous Substances  
TLM - Median Tolerance Limit  
IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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