

# W-TERM CVD 823 ALUMINUM 00000 A COMPONENT

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 8/1/2024 Revision date: 5/19/2026 Version: 7.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : W-TERM CVD 823 ALUMINUM 00000 A COMPONENT  
Product code : 18102862  
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 (oral), Category 3  
Skin corrosion/irritation, Category 3  
Serious eye damage/eye irritation, Category 2  
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  
H301 - Toxic if swallowed  
H316 - Causes mild skin irritation  
H319 - Causes serious eye irritation  
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.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or a doctor.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P330 - Rinse mouth.  
P332+P313 - If skin irritation occurs: Get medical advice or attention.

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P337+P313 - If eye irritation persists: Get medical advice or attention.  
P370+P378 - In case of fire: Use appropriate media to extinguish.  
P391 - Collect spillage.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

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

No additional information available

## 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)                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------|------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-methoxy-1-methylethyl acetate                                       | CAS-No.: 108-65-6      | 20 – 40       | Flam. Liq. 3, H226<br>Acute Tox. 5 (Dermal), H313<br>Aquatic Acute 3, H402                                                                                                                                                                                                                        |
| ALUMINIUM SILICATE                                                    | CAS-No.: 1327-36-2     | 5 – 10        | Acute Tox. 5 (Oral), H303<br>Acute Tox. 4 (Inhalation:dust,mist), H332                                                                                                                                                                                                                            |
| Natural mica iron oxide                                               | CAS-No.: 1317-60-8     | 5 – 10        | Acute Tox. 2 (Oral), H300<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411                                                                                                                                                                                                                     |
| SILICA DIMETHYL SILYLATE                                              | CAS-No.: 68611-44-9    | 1 – 5         | Acute Tox. 3 (Inhalation:dust,mist), H331                                                                                                                                                                                                                                                         |
| trizinc bis(orthophosphate)                                           | CAS-No.: 7779-90-0     | 1 – 5         | STOT RE 2, H373<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                                                                                                                                                                               |
| 2-methylpropan-1-ol; iso-butanol                                      | CAS-No.: 78-83-1       | 1 – 5         | Flam. Liq. 3, H226<br>Acute Tox. 5 (Oral), H303<br>Acute Tox. 5 (Dermal), H313<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H336<br>STOT SE 3, H335                                                                                                                                   |
| REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% | CAS-No.: 1330-20-7     | 1 – 5         | 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 |
| BUTYL ACETATE                                                         | CAS-No.: 123-86-4      | 1 – 5         | Flam. Liq. 2, H225<br>STOT SE 3, H336                                                                                                                                                                                                                                                             |

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| Name                  | GHS Product identifier | Conc. (% w/w) | Classification according to GHS BR (ABNT NBR 14725: 2023)                                          |
|-----------------------|------------------------|---------------|----------------------------------------------------------------------------------------------------|
|                       |                        |               | Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412                                                   |
| ZINC OXIDE            | CAS-No.: 1314-13-2     | 1 – 5         | Acute Tox. 5 (Dermal), H313<br>STOT RE 2, H373<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| ZINC DUST, STABILIZED | CAS-No.: 7440-66-6     | 0.5 – 1       | Pyr. Sol. 1, H250<br>Water-react. 1, H260<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. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

|                                   |                          |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

### 5.2. Specific hazards arising from the chemical

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

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

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

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### SECTION 6: Accidental release measures

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

General measures : 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 : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.  
Packaging materials : Always store product in container of same material as original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### BUTYL ACETATE 123-86-4

##### 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 : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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



## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| Physical state                                  | : Liquid                       |
| Appearance                                      | : Liquid.                      |
| Colour                                          | : Aluminium                    |
| Odour                                           | : characteristic               |
| Odour threshold                                 | : Not available                |
| pH                                              | : Not available                |
| Melting point                                   | : Not applicable               |
| Freezing point                                  | : Not available                |
| Boiling point                                   | : Not available                |
| Flash point                                     | : 30 °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                                         | : 1.6 – 1.7 g/cm <sup>3</sup>  |
| 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                              | : 75 (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 |

### ZINC OXIDE1314-13-2

|                 |                      |
|-----------------|----------------------|
| Vapour pressure | 0 mm Hg Source: HSDB |
|-----------------|----------------------|

### Natural mica iron oxide1317-60-8

|             |                               |
|-------------|-------------------------------|
| Flash point | > 230 °F Source: Chemicalbook |
|-------------|-------------------------------|

### 2-methylpropan-1-ol; iso-butanol78-83-1

|                           |                              |
|---------------------------|------------------------------|
| Boiling point             | 108 °C Atm. press.: 1013 hPa |
| Flash point               | 31 °C Atm. press.: 1013 hPa  |
| Auto-ignition temperature | 415 °C Source: ECHA          |
| Vapour pressure           | < 16 hPa Temp.: 20 °C        |

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7

|                           |                                |
|---------------------------|--------------------------------|
| 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 |

### 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 |

### BUTYL ACETATE123-86-4

|                           |                                 |
|---------------------------|---------------------------------|
| Boiling point             | 126.1 °C Source: HSDB           |
| Flash point               | 22 °C Source: ICSC              |
| Auto-ignition temperature | 420 °C Source: ICSC             |
| Vapour pressure           | 11.5 mm Hg at 25°C Source: hSDB |

### ZINC DUST, STABILIZED7440-66-6

|                           |                          |
|---------------------------|--------------------------|
| Boiling point             | 907 °C Source: ECHA      |
| Auto-ignition temperature | 460 °C Source: ICSC      |
| Vapour pressure           | 0 Pa at 400 Source: ECHA |

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

No additional information available

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### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

|                                    |                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------|
| Chemical stability                 | : Stable under normal conditions.                                                                      |
| Conditions to avoid                | : None under recommended storage and handling conditions (see section 7).                              |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Incompatible materials             | : No additional information available                                                                  |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use.                                         |
| 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)       | : Toxic if swallowed. |
| Acute toxicity (dermal)     | : Not available       |
| Acute toxicity (inhalation) | : Not available       |

#### W-TERM CVD 823 ALUMINUM 00000 A COMPONENT

|               |                          |
|---------------|--------------------------|
| ATE BR (oral) | 275.843 mg/kg bodyweight |
|---------------|--------------------------|

#### SILICA DIMETHYL SILYLATE (68611-44-9)

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| LD50 oral rat         | > 5000 mg/kg Source: International Uniform Chemical Information Database  |
| LC50 Inhalation - Rat | ≥ 0.477 mg/kg Source: International Uniform Chemical Information Database |

#### ZINC OXIDE (1314-13-2)

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 5000 mg/kg Source: ECHA                                                                  |
| LD50 dermal rat       | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 5700 mg/m <sup>3</sup> Source: ECHA                                                      |

#### Natural mica iron oxide (1317-60-8)

|               |                         |
|---------------|-------------------------|
| LD50 oral rat | 14.6 mg/kg Source: ECHA |
|---------------|-------------------------|

#### ALUMINIUM SILICATE (1327-36-2)

|                                   |                           |
|-----------------------------------|---------------------------|
| LD50 oral rat                     | > 2000 mg/kg Source: ECHA |
| LD50 dermal rabbit                | > 5000 mg/kg Source: ECHA |
| LC50 Inhalation - Rat (Dust/Mist) | > 2.07 mg/l Source: ECHA  |

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

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LC50 Inhalation - Rat | > 5700 mg/m <sup>3</sup> Source: ECHA                                                    |

#### 2-methylpropan-1-ol; iso-butanol (78-83-1)

|                    |                         |
|--------------------|-------------------------|
| LD50 oral rat      | 2460 mg/kg Source: ECHA |
| LD50 dermal rabbit | 2460 mg/kg Source: ECHA |

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### 2-methylpropan-1-ol; iso-butanol (78-83-1)

|                                 |                        |
|---------------------------------|------------------------|
| LC50 Inhalation - Rat (Vapours) | 19.6 mg/l Source: ECHA |
|---------------------------------|------------------------|

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (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                                                |

### 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                                     |

### 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     |

### ZINC DUST, STABILIZED (7440-66-6)

|                       |                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LC50 Inhalation - Rat | > 5.41 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)   |

Skin corrosion/irritation : Causes mild skin irritation.

### SILICA DIMETHYL SILYLATE (68611-44-9)

|    |        |
|----|--------|
| pH | 8 – 10 |
|----|--------|

### ZINC OXIDE (1314-13-2)

|    |                   |
|----|-------------------|
| pH | 6.95 Source: HSDB |
|----|-------------------|

### ALUMINIUM SILICATE (1327-36-2)

|    |                      |
|----|----------------------|
| pH | 4 – 8 Source: GESTIS |
|----|----------------------|

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

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

### BUTYL ACETATE (123-86-4)

|    |                  |
|----|------------------|
| pH | 6.2 Source: ECHA |
|----|------------------|

Serious eye damage/irritation : Causes serious eye irritation.

### SILICA DIMETHYL SILYLATE (68611-44-9)

|    |        |
|----|--------|
| pH | 8 – 10 |
|----|--------|

### ZINC OXIDE (1314-13-2)

|    |                   |
|----|-------------------|
| pH | 6.95 Source: HSDB |
|----|-------------------|

### ALUMINIUM SILICATE (1327-36-2)

|    |                      |
|----|----------------------|
| pH | 4 – 8 Source: GESTIS |
|----|----------------------|

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### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

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

### BUTYL ACETATE (123-86-4)

|    |                  |
|----|------------------|
| pH | 6.2 Source: ECHA |
|----|------------------|

Respiratory or skin sensitisation : Not available

Germ cell mutagenicity : Not available

Carcinogenicity : Not available

### Natural mica iron oxide (1317-60-8)

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

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

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

Reproductive toxicity : Not available

STOT-single exposure : Not available

### 2-methylpropan-1-ol; iso-butanol (78-83-1)

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

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (1330-20-7)

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

### BUTYL ACETATE (123-86-4)

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

STOT-repeated exposure : Not available

### ZINC OXIDE (1314-13-2)

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| LOAEL (dermal, rat/rabbit, 90 days) | 75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 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. |
|------------------------|--------------------------------------------------------------------|

### 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. |
|------------------------|--------------------------------------------------------------------|

### 2-methylpropan-1-ol; iso-butanol (78-83-1)

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | > 1450 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (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. |
|------------------------|--------------------------------------------------------------------|

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### 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) |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------|

### ZINC DUST, STABILIZED (7440-66-6)

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | 31.25 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|

Aspiration hazard : Not available

### W-TERM CVD 823 ALUMINUM 00000 A COMPONENT

|                      |                                  |
|----------------------|----------------------------------|
| Viscosity, kinematic | 1.332 – 1.416 mm <sup>2</sup> /s |
|----------------------|----------------------------------|

### SILICA DIMETHYL SILYLATE (68611-44-9)

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

### 2-methylpropan-1-ol; iso-butanol (78-83-1)

|                      |                         |
|----------------------|-------------------------|
| Viscosity, kinematic | 3.87 mm <sup>2</sup> /s |
|----------------------|-------------------------|

### REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50% (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 |
|----------------------|--------------------------|

### BUTYL ACETATE (123-86-4)

|                      |                          |
|----------------------|--------------------------|
| Viscosity, kinematic | 0.841 mm <sup>2</sup> /s |
|----------------------|--------------------------|

### ZINC DUST, STABILIZED (7440-66-6)

|                      |                             |
|----------------------|-----------------------------|
| Viscosity, kinematic | > 70.028 mm <sup>2</sup> /s |
|----------------------|-----------------------------|

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : None under normal conditions. |
| Symptoms/effects after ingestion    | : None under normal conditions. |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ecology - general                                         | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Toxic to aquatic life.                                                                                                |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects.                                                                      |

### Natural mica iron oxide1317-60-8

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| LC50 - Fish [1] | 0.41 – 1.75 mg/l Source: ECHA                                   |
| NOEC (chronic)  | ≈ 21 mg/l Test organisms (species): Asellus sp. Duration: '5 d' |

### ALUMINIUM SILICATE1327-36-2

|                 |                         |
|-----------------|-------------------------|
| LC50 - Fish [1] | 10000 mg/l Source: ECHA |
|-----------------|-------------------------|

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| 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                                                                                                                                 |
| 2-methylpropan-1-ol; iso-butanol78-83-1                                        |                                                                                                                                           |
| LC50 - Fish [1]                                                                | 1430 mg/l Test organisms (species): Pimephales promelas                                                                                   |
| EC50 - Crustacea [1]                                                           | 1100 mg/l Test organisms (species): Daphnia pulex                                                                                         |
| EC50 72h - Algae [1]                                                           | 593 mg/l Source: ECHA                                                                                                                     |
| NOEC (chronic)                                                                 | 20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                          |
| REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7 |                                                                                                                                           |
| 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'                                |
| 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'                                                                      |
| BUTYL ACETATE123-86-4                                                          |                                                                                                                                           |
| LC50 - Fish [1]                                                                | 18 mg/l Source: ECHA                                                                                                                      |
| EC50 - Crustacea [1]                                                           | 44 mg/l Source: ECHA                                                                                                                      |
| EC50 72h - Algae [1]                                                           | 335 mg/l Source: ECHA                                                                                                                     |
| ZINC DUST, STABILIZED7440-66-6                                                 |                                                                                                                                           |
| LC50 - Fish [1]                                                                | 0.182 – 2.01 mg/l                                                                                                                         |
| EC50 - Crustacea [1]                                                           | 0.065 – 35 mg/l                                                                                                                           |
| ErC50 algae                                                                    | 0.106 – 2.05 mg/l                                                                                                                         |

## 12.2. Persistence and degradability

| W-TERM CVD 823 ALUMINUM 00000 A COMPONENT |                        |
|-------------------------------------------|------------------------|
| Persistence and degradability             | Not rapidly degradable |
| SILICA DIMETHYL SILYLATE68611-44-9        |                        |
| Persistence and degradability             | Not rapidly degradable |

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|                                                                                       |                        |
|---------------------------------------------------------------------------------------|------------------------|
| <b>ZINC OXIDE1314-13-2</b>                                                            |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>Natural mica iron oxide1317-60-8</b>                                               |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>ALUMINIUM SILICATE1327-36-2</b>                                                    |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>trizinc bis(orthophosphate)7779-90-0</b>                                           |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>2-methylpropan-1-ol; iso-butanol78-83-1</b>                                        |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7</b> |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>2-methoxy-1-methylethyl acetate108-65-6</b>                                        |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>BUTYL ACETATE123-86-4</b>                                                          |                        |
| Persistence and degradability                                                         | Not rapidly degradable |
| <b>ZINC DUST, STABILIZED7440-66-6</b>                                                 |                        |
| Persistence and degradability                                                         | Not rapidly degradable |

### 12.3. Bioaccumulative potential

|                                                                                       |                                                                  |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>2-methylpropan-1-ol; iso-butanol78-83-1</b>                                        |                                                                  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 0.8 Source: ChemIDPlus                                           |
| <b>REACTION MASS OF ETHYLBENZENE (100-41-4)50% AND XYLENE (1330-20-7)50%1330-20-7</b> |                                                                  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 3.15 Source: HSDB                                                |
| <b>2-methoxy-1-methylethyl acetate108-65-6</b>                                        |                                                                  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 0.43 Source: International Uniform Chemical Information Database |
| <b>BUTYL ACETATE123-86-4</b>                                                          |                                                                  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 1.78 Source: HSDB                                                |
| <b>ZINC DUST, STABILIZED7440-66-6</b>                                                 |                                                                  |
| Partition coefficient n-octanol/water (Log Pow)                                       | -0.47 Source: NLM                                                |

### 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

Regional waste regulation : Disposal must be done according to official regulations.

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|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| 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                     | : Do not re-use empty containers.                                                             |

## 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 (30°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

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### SECTION 15: Regulatory information

#### 15.1. National regulations

No additional information available

### 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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