

# WEG TAR FREE HSD 302 HT SE B COMPONENT

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 3/12/2024 Revision date: 2/20/2026 Version: 5.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : WEG TAR FREE HSD 302 HT SE B COMPONENT  
Product code : 13529689  
Type of product : Catalyst  
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 : Uses in coatings - Curing agent for component A.

#### 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 4  
Skin corrosion/irritation, Category 1C  
Respiratory sensitisation, Category 1  
Skin sensitisation, Category 1  
Germ cell mutagenicity, Category 1B  
Carcinogenicity, Category 1B  
Hazardous to the aquatic environment - Acute Hazard, Category 3  
Hazardous to the aquatic environment - Chronic Hazard, Category 3

### 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  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H340 - May cause genetic defects.  
H350 - May cause cancer.  
H412 - Harmful to aquatic life with long lasting effects  
Precautionary statements (GHS BR) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
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.  
P260 - Do not breathe dust, fume, gas, mist, vapours or spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.

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P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.  
P284 - Wear respiratory protection.  
P301+P312 - IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical advice or attention.  
P310 - Immediately call a POISON CENTER or a doctor.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P330 - Rinse mouth.  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or a doctor.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use appropriate media to extinguish.  
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)                                                                                                                                                          |
|---------------------------------------------------------------|------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| caju, casca de noz, polímero com etilenodiamina e formaldeído | CAS-No.: 68413-28-5    | 20 – 40       | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Resp. Sens. 1, H334<br>Skin Sens. 1, H317                                                                                                       |
| Quartz(SiO2)                                                  | CAS-No.: 14808-60-7    | 20 – 40       | Skin Irrit. 2, H315<br>Skin Sens. 1, H317                                                                                                                                                                          |
| MICA                                                          | CAS-No.: 12001-26-2    | 10 – 20       | Eye Irrit. 2B, H320<br>Skin Sens. 1, H317                                                                                                                                                                          |
| SOLVENT BENZYL ALCOHOL                                        | CAS-No.: 100-51-6      | 5 – 10        | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412 |

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|--------------------------------------------------------------------------|------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED                    | CAS-No.: 135108-88-2   | 5 – 10        | Acute Tox. 3 (Oral), H301<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412                                                                                       |
| Nafta solvente (petróleo), aromático leve                                | CAS-No.: 64742-95-6    | 1 – 5         | Flam. Liq. 3, H226<br>Acute Tox. 5 (Dermal), H313<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Muta. 1B, H340<br>Carc. 1B, H350<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| SOLVENT METHYL ISOBUTYL KETONE                                           | CAS-No.: 108-10-1      | 1 – 5         | Flam. Liq. 2, H225<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>Carc. 2, H351<br>STOT SE 3, H335<br>Asp. Tox. 2, H305           |
| HARDENER EPOXY                                                           | CAS-No.: 111-40-0      | 1 – 5         | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317                                                                                                       |
| Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) | CAS-No.: 147900-93-4   | 1 – 5         | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 4, H413                                                                                                                                                                           |
| EPOXI HARDENER                                                           | CAS-No.: 140-31-8      | 1 – 5         | Flam. Liq. 4, H227<br>Acute Tox. 5 (Oral), H303<br>Acute Tox. 3 (Dermal), H311<br>Skin Corr. 1, H314<br>Skin Sens. 1, H317<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412                                                 |
| Fatty acids, tall-oil, compds. with oleylamine                           | CAS-No.: 85711-55-3    | 1 – 5         | Acute Tox. 5 (Oral), H303<br>STOT RE 2, H373                                                                                                                                                                                   |

## SECTION 4: First-aid measures

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

|                                       |                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : IF exposed or concerned: Get medical advice/attention. People with over sensibility problems are not allowed to work or be exposed to the product.                                                                                                                               |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Give oxygen or artificial respiration if necessary.                                                                                                                      |
| First-aid measures after skin contact | : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Do not remove clothing if it sticks to the skin. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. If skin irritation or |

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|                                      |                                                                                                                                                                                    |
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| First-aid measures after eye contact | : rash occurs: Get medical advice/attention.<br>: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| First-aid measures after ingestion   | : If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting because of corrosive effects.                                             |

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

|                                     |                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : Swallowing a small quantity of this material presents some health hazard. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.                                                                                            |
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. Danger of serious damage to health by prolonged exposure through inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : Highly corrosive to skin. Causes severe burns. irritation (itching, redness, blistering). Cracking of the skin.                                                                                                                                                                                                               |
| Symptoms/effects after eye contact  | : stinging. Redness. Causes serious eye burns. May cause destruction of eye tissue.                                                                                                                                                                                                                                             |
| Symptoms/effects after ingestion    | : Harmful if swallowed. Ingestion may cause nausea and vomiting. Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.                                                                                                                                                                           |
| Chronic symptoms                    | : May cause cancer. May cause heritable genetic damage.                                                                                                                                                                                                                                                                         |

### 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, corrosive gases come free. 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.                                                                                                                                                                                                                                                                  |
| Other information              | : In case of fire, corrosive and harmful gases come free. High temperature decomposition products are harmful by inhalation.                                                                                                                                                                                                                  |

## 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 |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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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. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Corrosionproof suit. Equip cleanup crew with proper protection. |
| Emergency procedures | : 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. Harmful 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. Absorb spilled material with sand or earth. Absorb spillage to prevent material damage. Clean contaminated surfaces with an excess of water. 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. Obtain special instructions before use. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Do not eat, drink or smoke when using this product. When heated, material emits highly irritating vapours, affecting the eyes. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. 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. Take off immediately all contaminated clothing and wash it before reuse. 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.                                     |

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 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.

#### 8.3. Individual protection measures

##### Personal protective equipment:

Corrosionproof clothing.

##### Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

##### Eye protection:

Wear closed safety glasses

##### Skin and body protection:

Safety shoes. Long sleeved protective clothing. Or chemical resistant apron

##### 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                                     | : Colourless     |
| Odour                                      | : characteristic |
| Odour threshold                            | : Not available  |
| pH                                         | : Not available  |
| Melting point                              | : Not available  |
| Freezing point                             | : Not available  |
| Boiling point                              | : Not available  |
| Flash point                                | : 60 °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  |

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|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Relative density                                | : Not available                  |
| Density                                         | : 1.55 – 1.651 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                              | : 130 – 140 ku/kg                |
| Particle size                                   | : Not applicable                 |
| Particle size distribution                      | : Not applicable                 |
| Particle shape                                  | : Not applicable                 |
| Particle aspect ratio                           | : Not applicable                 |
| Particle specific surface area                  | : Not applicable                 |

### caju, casca de noz, polímero com etilenodiamina e formaldeído68413-28-5

|             |       |
|-------------|-------|
| Flash point | 70 °C |
|-------------|-------|

### FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED135108-88-2

|                 |          |
|-----------------|----------|
| Boiling point   | 220 °C   |
| Flash point     | > 200 °C |
| Vapour pressure | 0.055 Pa |

### SOLVENT BENZYL ALCOHOL100-51-6

|                           |                              |
|---------------------------|------------------------------|
| Boiling point             | 205 °C                       |
| Flash point               | 93 °C                        |
| Auto-ignition temperature | 436 °C                       |
| Vapour pressure           | 13.2 Pa at 20°C Source: ICSC |

### EPOXI HARDENER140-31-8

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Boiling point             | 222 °C at 1013 hPa Source: International Uniform Chemical Information Database |
| Flash point               | 88 °C Source: International Uniform Chemical Information Database              |
| Auto-ignition temperature | 315 °C Source: National Institute of Technology and Evaluation                 |
| Vapour pressure           | 0.0587 mm Hg at 25°C Source: National Institute of Technology and Evaluation   |

### Nafta solvente (petróleo), aromático leve64742-95-6

|                 |                              |
|-----------------|------------------------------|
| Boiling point   | 135 – 210 °C Source: NLM     |
| Flash point     | < 41 °C Source: IUCLID       |
| Vapour pressure | 8 hPa at 20°C Source: IUCLID |

### SOLVENT METHYL ISOBUTYL KETONE108-10-1

|                           |                              |
|---------------------------|------------------------------|
| Boiling point             | 116.5 °C Source: CHemIDplus  |
| Flash point               | 14 °C Source: ICSC           |
| Auto-ignition temperature | 460 °C Source: ICSC          |
| Vapour pressure           | 2.1 kPa at 20°C Source: ICSC |

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### HARDENER EPOXY111-40-0

|                           |                            |
|---------------------------|----------------------------|
| Boiling point             | 207 °C Source: ICSC        |
| Flash point               | 97 °C Source: ICSC         |
| Auto-ignition temperature | 358 °C Source: ICSC        |
| Vapour pressure           | 37 Pa at 20°C Source: ICSC |

### Fatty acids, tall-oil, compds. with oleylamine85711-55-3

|               |                                        |
|---------------|----------------------------------------|
| Boiling point | 743.2 °C at 760mmHg Source: chemspider |
| Flash point   | 403.2 °C Source: chemspider            |

### Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z)147900-93-4

|                           |                     |
|---------------------------|---------------------|
| Boiling point             | 320 °C Source: ECHA |
| Flash point               | 161 °C Source: ECHA |
| Auto-ignition temperature | 376 °C Source: ECHA |

### Quartz(SiO2)14808-60-7

|               |                        |
|---------------|------------------------|
| Boiling point | 2230 °C Source: GESTIS |
|---------------|------------------------|

### MICA12001-26-2

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

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

No additional information available

## 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. On exposure to high temperature, may decompose, releasing corrosive gases.                                                                                             |
| Incompatible materials             | : Materiais plásticos solúveis em Xileno. Não armazenar com materiais explosivos, gases inflamáveis e/ou tóxicos, substâncias oxidantes, corrosivas e materiais que possam. 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)       | : Harmful if swallowed. |
| Acute toxicity (dermal)     | : Not available         |
| Acute toxicity (inhalation) | : Not available         |

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| WEG TAR FREE HSD 302 HT SE B COMPONENT                                                 |                                                                                                               |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| ATE BR (oral)                                                                          | 1301.444 mg/kg bodyweight                                                                                     |
| SOLVENT BENZYL ALCOHOL (100-51-6)                                                      |                                                                                                               |
| LD50 oral rat                                                                          | 1610 mg/kg Source: OECD SIDS                                                                                  |
| LD50 oral                                                                              | 1580 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1410 - 1770 |
| LD50 dermal rat                                                                        | 2000 mg/kg                                                                                                    |
| LD50 dermal rabbit                                                                     | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity)                   |
| LC50 Inhalation - Rat                                                                  | > 4.178 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)                       |
| LC50 Inhalation - Rat (Vapours)                                                        | > 4.178 mg/l                                                                                                  |
| EPOXI HARDENER (140-31-8)                                                              |                                                                                                               |
| LD50 oral rat                                                                          | 2108 mg/kg Source: OECD Screening Information Data Set                                                        |
| LD50 dermal rabbit                                                                     | 886 mg/kg Source: OECD Screening Information Data Set                                                         |
| Nafta solvente (petróleo), aromático leve (64742-95-6)                                 |                                                                                                               |
| LD50 oral rat                                                                          | 8400 mg/kg Source: RTECS                                                                                      |
| LD50 dermal rat                                                                        | > 2000 mg/kg Source: ECHA                                                                                     |
| LD50 dermal rabbit                                                                     | > 2000 mg/kg                                                                                                  |
| LC50 Inhalation - Rat (Vapours)                                                        | 5.16 mg/l Source: ECHA                                                                                        |
| SOLVENT METHYL ISOBUTYL KETONE (108-10-1)                                              |                                                                                                               |
| LD50 oral rat                                                                          | 2080 mg/kg Source: ECHA                                                                                       |
| LD50 dermal rabbit                                                                     | ≥ 2000 mg/kg Source: ECHA                                                                                     |
| LC50 Inhalation - Rat (Vapours)                                                        | 11.6 mg/l Source: ECHA                                                                                        |
| HARDENER EPOXY (111-40-0)                                                              |                                                                                                               |
| LD50 oral rat                                                                          | 1.62 ml/kg                                                                                                    |
| Fatty acids, tall-oil, compds. with oleylamine (85711-55-3)                            |                                                                                                               |
| LD50 oral rat                                                                          | > 2000 mg/kg Source: ECHA                                                                                     |
| Fatty acids, C-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (Z) (147900-93-4) |                                                                                                               |
| LD50 oral rat                                                                          | > 1570 mg/kg Source: ECHA                                                                                     |
| Skin corrosion/irritation                                                              | : Causes severe skin burns.                                                                                   |
| EPOXI HARDENER (140-31-8)                                                              |                                                                                                               |
| pH                                                                                     | 12                                                                                                            |
| HARDENER EPOXY (111-40-0)                                                              |                                                                                                               |
| pH                                                                                     | 12                                                                                                            |
| Quartz(SiO2) (14808-60-7)                                                              |                                                                                                               |
| pH                                                                                     | 7                                                                                                             |
| Serious eye damage/irritation                                                          | : Assumed to cause serious eye damage                                                                         |

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|                                                                            |                                                                                                                                                                              |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EPOXI HARDENER (140-31-8)</b>                                           |                                                                                                                                                                              |
| pH                                                                         | 12                                                                                                                                                                           |
| <b>HARDENER EPOXY (111-40-0)</b>                                           |                                                                                                                                                                              |
| pH                                                                         | 12                                                                                                                                                                           |
| <b>Quartz(SiO2) (14808-60-7)</b>                                           |                                                                                                                                                                              |
| pH                                                                         | 7                                                                                                                                                                            |
| Respiratory or skin sensitisation                                          | : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.                                                            |
| Germ cell mutagenicity                                                     | : May cause genetic defects.                                                                                                                                                 |
| Carcinogenicity                                                            | : May cause cancer.                                                                                                                                                          |
| <b>SOLVENT METHYL ISOBUTYL KETONE (108-10-1)</b>                           |                                                                                                                                                                              |
| IARC group                                                                 | 2B - Possibly carcinogenic to humans                                                                                                                                         |
| <b>Quartz(SiO2) (14808-60-7)</b>                                           |                                                                                                                                                                              |
| IARC group                                                                 | 1 - Carcinogenic to humans                                                                                                                                                   |
| Reproductive toxicity                                                      | : Not available                                                                                                                                                              |
| STOT-single exposure                                                       | : Not available                                                                                                                                                              |
| <b>Nafta solvente (petróleo), aromático leve (64742-95-6)</b>              |                                                                                                                                                                              |
| STOT-single exposure                                                       | May cause respiratory irritation.                                                                                                                                            |
| <b>SOLVENT METHYL ISOBUTYL KETONE (108-10-1)</b>                           |                                                                                                                                                                              |
| STOT-single exposure                                                       | May cause respiratory irritation.                                                                                                                                            |
| STOT-repeated exposure                                                     | : Not available                                                                                                                                                              |
| <b>FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED (135108-88-2)</b> |                                                                                                                                                                              |
| STOT-repeated exposure                                                     | May cause damage to organs through prolonged or repeated exposure.                                                                                                           |
| <b>SOLVENT BENZYL ALCOHOL (100-51-6)</b>                                   |                                                                                                                                                                              |
| NOAEL (oral, rat, 90 days)                                                 | 400 mg/kg bodyweight Animal: rat, Guideline: other:                                                                                                                          |
| <b>SOLVENT METHYL ISOBUTYL KETONE (108-10-1)</b>                           |                                                                                                                                                                              |
| LOAEL (oral, rat, 90 days)                                                 | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                                       |
| NOAEL (oral, rat, 90 days)                                                 | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                                        |
| NOAEC (inhalation, rat, vapour, 90 days)                                   | 4.106 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)                                                                     |
| <b>Fatty acids, tall-oil, compds. with oleylamine (85711-55-3)</b>         |                                                                                                                                                                              |
| NOAEL (oral, rat, 90 days)                                                 | 7.1 – 21.9 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| STOT-repeated exposure                                                     | May cause damage to organs through prolonged or repeated exposure.                                                                                                           |
| Aspiration hazard                                                          | : Not available                                                                                                                                                              |
| <b>WEG TAR FREE HSD 302 HT SE B COMPONENT</b>                              |                                                                                                                                                                              |
| Viscosity, kinematic                                                       | 2.378 – 2.728 mm²/s                                                                                                                                                          |

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### SOLVENT BENZYL ALCOHOL (100-51-6)

|                      |                          |
|----------------------|--------------------------|
| Viscosity, kinematic | 4.851 mm <sup>2</sup> /s |
|----------------------|--------------------------|

### EPOXI HARDENER (140-31-8)

|                      |                           |
|----------------------|---------------------------|
| Viscosity, kinematic | 14.286 mm <sup>2</sup> /s |
|----------------------|---------------------------|

### Nafta solvente (petróleo), aromático leve (64742-95-6)

|                      |                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------|
| Viscosity, kinematic | < 1 mm <sup>2</sup> /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)' |
|----------------------|-------------------------------------------------------------------------------------------------|

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

|                                     |                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : Swallowing a small quantity of this material presents some health hazard. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.                                                                                            |
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. Danger of serious damage to health by prolonged exposure through inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : Highly corrosive to skin. Causes severe burns. irritation (itching, redness, blistering). Cracking of the skin.                                                                                                                                                                                                               |
| Symptoms/effects after eye contact  | : stinging. Redness. Causes serious eye burns. May cause destruction of eye tissue.                                                                                                                                                                                                                                             |
| Symptoms/effects after ingestion    | : Harmful if swallowed. Ingestion may cause nausea and vomiting. Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.                                                                                                                                                                           |
| Chronic symptoms                    | : May cause cancer. May cause heritable genetic damage.                                                                                                                                                                                                                                                                         |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                                               |
|-----------------------------------------------------------|-------------------------------------------------------------------------------|
| Ecology - general                                         | : Harmful to aquatic life with long lasting effects. Harmful to aquatic life. |
| Hazardous to the aquatic environment, short-term (acute)  | : Harmful to aquatic life.                                                    |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                          |

### FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED135108-88-2

|                      |           |
|----------------------|-----------|
| LC50 - Fish [1]      | 63 mg/l   |
| EC50 - Crustacea [1] | 15.4 mg/l |
| EC50 72h - Algae [1] | 43.9 mg/l |

### SOLVENT BENZYL ALCOHOL100-51-6

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 10 mg/l                                                                                                                                  |
| EC50 - Crustacea [1] | 230 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1] | 770 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 500 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | 76.828 mg/l Test organisms (species): other:                                                                                             |
| NOEC chronic fish    | 48.897 mg/l Test organisms (species): other: Duration: '30 d'                                                                            |

### EPOXI HARDENER140-31-8

|                 |                                                      |
|-----------------|------------------------------------------------------|
| LC50 - Fish [1] | 368 mg/l Source: OECD Screening Information Data Set |
|-----------------|------------------------------------------------------|

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|                                                                 |                                                                   |
|-----------------------------------------------------------------|-------------------------------------------------------------------|
| <b>EPOXI HARDENER140-31-8</b>                                   |                                                                   |
| EC50 - Crustacea [1]                                            | 32 mg/l Source: OECD Screening Information Data Set               |
| <b>Nafta solvente (petróleo), aromático leve64742-95-6</b>      |                                                                   |
| LC50 - Fish [1]                                                 | 9.22 mg/l Source: IUCLID                                          |
| EC50 - Crustacea [1]                                            | 6.14 mg/l Source: IUCLID                                          |
| EC50 72h - Algae [1]                                            | 19 mg/l Source: IUCLID                                            |
| <b>SOLVENT METHYL ISOBUTYL KETONE108-10-1</b>                   |                                                                   |
| LC50 - Fish [1]                                                 | 672 mg/l Source: ECHA                                             |
| EC50 - Crustacea [1]                                            | > 200 mg/l Test organisms (species): Daphnia magna                |
| <b>HARDENER EPOXY111-40-0</b>                                   |                                                                   |
| LC50 - Fish [1]                                                 | 430 mg/l                                                          |
| EC50 - Crustacea [1]                                            | 16 mg/l Source: ECHA                                              |
| EC50 72h - Algae [1]                                            | 187 mg/l Source: ECHA                                             |
| <b>Fatty acids, tall-oil, compds. with oleylamine85711-55-3</b> |                                                                   |
| LOEC (chronic)                                                  | 4.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

### 12.2. Persistence and degradability

|                                                                                           |                        |
|-------------------------------------------------------------------------------------------|------------------------|
| <b>WEG TAR FREE HSD 302 HT SE B COMPONENT</b>                                             |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>caju, casca de noz, polímero com etilenodiamina e formaldeído68413-28-5</b>            |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED135108-88-2</b>                   |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>SOLVENT BENZYL ALCOHOL100-51-6</b>                                                     |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>EPOXI HARDENER140-31-8</b>                                                             |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>Nafta solvente (petróleo), aromático leve64742-95-6</b>                                |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>SOLVENT METHYL ISOBUTYL KETONE108-10-1</b>                                             |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>HARDENER EPOXY111-40-0</b>                                                             |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>Fatty acids, tall-oil, compds. with oleylamine85711-55-3</b>                           |                        |
| Persistence and degradability                                                             | Not rapidly degradable |
| <b>Fatty acids, C-18, unsatd. trimers,compd. with 9-octadecen-1-amine, (Z)147900-93-4</b> |                        |
| Persistence and degradability                                                             | Not rapidly degradable |

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### Quartz(SiO<sub>2</sub>)14808-60-7

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

### MICA12001-26-2

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

## 12.3. Bioaccumulative potential

### SOLVENT BENZYL ALCOHOL100-51-6

|                                                 |     |
|-------------------------------------------------|-----|
| Partition coefficient n-octanol/water (Log Pow) | 1.1 |
|-------------------------------------------------|-----|

### EPOXI HARDENER140-31-8

|                                                 |                                                               |
|-------------------------------------------------|---------------------------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -1.48 Source: National Institute of Technology and Evaluation |
|-------------------------------------------------|---------------------------------------------------------------|

### Nafta solvente (petróleo), aromático leve64742-95-6

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.1 – 6 Source: IUCLID |
|-------------------------------------------------|------------------------|

### SOLVENT METHYL ISOBUTYL KETONE108-10-1

|                                                 |                         |
|-------------------------------------------------|-------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.31 Source: ChemIDPlus |
|-------------------------------------------------|-------------------------|

### HARDENER EPOXY111-40-0

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | -1.3 Source: ICSC |
|-------------------------------------------------|-------------------|

### Fatty acids, C-18, unsatd. trimers,compd. with 9-octadecen-1-amine, (Z)147900-93-4

|                                                 |                  |
|-------------------------------------------------|------------------|
| Partition coefficient n-octanol/water (Log Pow) | 5.7 Source: ECHA |
|-------------------------------------------------|------------------|

## 12.4. Mobility in soil

No additional information available

## 12.5. Other adverse effects

|                              |                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous to the ozone layer | : Not available                                                                                                                       |
| Other adverse effects        | : May cause pH changes in aqueous ecological systems. Before neutralisation, the product may represent a danger to aquatic organisms. |

## 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. |

## 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>  |                        |                                       |
| MATERIAL RELACIONADO COM TINTAS | PAINT RELATED MATERIAL | Paint related material (FORMALDEHYDE, |

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|                                                                                   |                                                                                                            |                                                                                                |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| (FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED)                           | (FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED)                                                    | POLYMER WITH BENZENEAMINE, HYDROGENATED)                                                       |
| <b>Transport document description</b>                                             |                                                                                                            |                                                                                                |
| Not applicable                                                                    | UN 1263 PAINT RELATED MATERIAL (FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED), 3, III (60°C c.c.) | UN 1263 Paint related material (FORMALDEHYDE, POLYMER WITH BENZENEAMINE, HYDROGENATED), 3, III |
| <b>Transport hazard class(es)</b>                                                 |                                                                                                            |                                                                                                |
| 3                                                                                 | 3                                                                                                          | 3                                                                                              |
| <b>Danger labels</b>                                                              |                                                                                                            |                                                                                                |
| 3                                                                                 | 3                                                                                                          | 3                                                                                              |
|  |                           |             |
| <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>                                              |                                                                                                            |                                                                                                |
| No                                                                                | No                                                                                                         | No                                                                                             |

### 14.2 Other informations

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.

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)

WEG TINTAS LTDA – GRUPO WEG.

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# WEG TAR FREE HSD 302 HT SE B COMPONENT

13529689

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 2/20/2026

### 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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