

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A



Safety Data Sheet

According to ABNT NBR 14725: 2023
Issue date: 1/14/2026 Version: 1.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A
Product code : 19153058
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 providing surfaces with protection, waterproofing, finishing and resistance, etc.

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 :

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

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| | | | |
|----------------|-----------|------------------|------------------|
| Germany | | | 0800-181-7059 |
| India | Bangalore | +91 8071 279 207 | |
| India | | | 000 800 1007 141 |
| Italy | Milan | +39-02 4555 7031 | |
| Italy | | | 800 789 767 |
| Netherlands | | +31-85 888 0596 | |
| South Africa | | | 080-001-4676 |
| United Kingdom | London | +44 20 3807 3798 | |
| South korea | | | 080-880-0454 |
| Japan | | | 0800-300-5842 |

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3
Acute toxicity (dermal), Category 5
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2A
Skin sensitisation, Category 1
Germ cell mutagenicity, Category 1B
Carcinogenicity, Category 1B
Reproductive toxicity, Category 2
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Specific target organ toxicity — Repeated exposure, Category 2
Aspiration hazard, Category 1
Hazardous to the aquatic environment - Acute Hazard, Category 1
Hazardous to the aquatic environment - Chronic Hazard, Category 2

2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H313 - May be harmful in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H340 - May cause genetic defects.
H350 - May cause cancer.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H400 - Very toxic to aquatic life
H411 - Toxic 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.

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof equipment.

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) |
|---------------------------------|------------------------|---------------|---|
| MIXED XYLENES | CAS-No.: 1330-20-7 | 20 – 40 | Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| STYRENE MONOMER | CAS-No.: 100-42-5 | 5 – 10 | Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 Repr. 2, H361 STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| ISOBUTYL METHACRYLATE | CAS-No.: 97-86-9 | 5 – 10 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| 2-methoxy-1-methylethyl acetate | CAS-No.: 108-65-6 | 5 – 10 | Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Aquatic Acute 3, H402 |
| 2-ETHYLHEXYL ACRYLATE | CAS-No.: 103-11-7 | 5 – 10 | Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| Name | GHS Product identifier | Conc. (% w/w) | Classification according to GHS BR (ABNT NBR 14725: 2023) |
|--|------------------------|---------------|--|
| | | | Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| 2-HYDROXYETHYL METACRILATE | CAS-No.: 868-77-9 | 1 – 5 | Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 |
| HYDROXYPROPYL METHACRYLATE | CAS-No.: 923-26-2 | 1 – 5 | Flam. Liq. 4, H227 Eye Irrit. 2A, H319 Skin Sens. 1, H317 |
| ORGANIC PIGMENT BENZIMIDAZOLONE YELLOW | CAS-No.: 72102-84-2 | 1 – 5 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| PINE DIPENTENE | CAS-No.: 138-86-3 | 1 – 5 | Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| TERT-BUTYL PERBENZOATE | CAS-No.: 614-45-9 | 0.5 – 1 | Flam. Liq. 4, H227 Self-react. C, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:vapour), H330 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |
| Light aromatic naphtha (petroleum) solvent | CAS-No.: 64742-95-6 | 0.5 – 1 | Flam. Liq. 2, H225 Acute Tox. 5 (Dermal), H313 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| HEAVY AROMATIC NAPHTA | CAS-No.: 64742-94-5 | 0.25 – 0.5 | Flam. Liq. 4, H227 Acute Tox. 5 (Dermal), H313 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| ACRYLIC ACID GLACIAL MONOMER | CAS-No.: 79-10-7 | 0.25 – 0.5 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1A, H314 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of | CAS-No.: 64742-82-1 | 0.1 – 0.25 | Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Muta. 1B, H340 Carc. 1B, H350 |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| Name | GHS Product identifier | Conc. (% w/w) | Classification according to GHS BR (ABNT NBR 14725: 2023) |
|---|------------------------|---------------|--|
| hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] | | | STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |

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. Give oxygen or artificial respiration if necessary. Immediately call a POISON CENTER/doctor. |
| First-aid measures after skin contact | : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : 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 | : Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. |

4.2. Most important symptoms and effects, acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects | : May cause damage to organs through prolonged or repeated exposure. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May be fatal if swallowed and enters airways. |
| Symptoms/effects after inhalation | : Inhalation may cause irritation (cough, short breathing, difficulty in breathing). |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. Causes skin irritation. irritation (itching, redness, blistering). Cracking of the skin. Prolonged or repeated contact may cause skin to become dry. |
| Symptoms/effects after eye contact | : stinging. Redness. Causes serious eye irritation. redness, itching, tears. |
| Symptoms/effects after ingestion | : May cause irritation to the digestive tract. Risk of lung oedema. |
| Chronic symptoms | : May cause cancer. May cause heritable genetic damage. Suspected of damaging fertility. Suspected of damaging the unborn child. |

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

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

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Specific hazards arising from the chemical

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

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |
Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

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. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Use self-contained breathing apparatus and chemically protective clothing. Gloves. Wear security glasses which protect from splashes. Self-contained breathing apparatus. 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. Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. Very toxic to aquatic life. 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. Clean contaminated surfaces with an excess of water. Absorb spillage to prevent material damage. Take up liquid spill into absorbent material. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Additional hazards when processed | : Flammable vapours may accumulate in the container. |
| Precautions for safe handling | : Provide adequate ventilation to minimize dust and/or vapour concentrations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle carefully. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear personal protective |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

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 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 : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| MIXED XYLENES 1330-20-7 | |
|---|--|
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Xylene, mixed isomers (Dimethylbenzene) |
| ACGIH® TLV® TWA | 20 ppm |
| Remark (ACGIH) | TLV® Basis: Eye & URT irr; CNS impair; Hematologic eff; Ototoxicity (p-xylene). Notations: OTO (Ototoxicant) (p isomer); A4 (Not classifiable as a Human Carcinogen); BEI |
| Regulatory reference | ACGIH 2025 |
| USA - ACGIH - Biological Exposure Indices | |
| Local name | Xylene, all isomers (Dimethylbenzene) |
| BEI | 0.3 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift |
| Remark | Commercial or technical grade xylenes consist of mixtures of isomers and significant amounts of ethyl benzene as indicated under "Properties." Because ethyl benzene is known to reduce the metabolism of xylenes to methylhippuric acids, the BEI applies to technical or commercial grades of xylenes only. The determinants refer to the total of all isomers of methylhippuric acids |
| Regulatory reference | ACGIH 2025 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Xylenes (o-, m-, p-isomers) |
| OSHA PEL TWA | 435 mg/m ³ 100 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| STYRENE MONOMER 100-42-5 | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Styrene, monomer |
| ACGIH® TLV® TWA | 10 ppm |
| ACGIH® TLV® STEL | 20 ppm |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| STYRENE MONOMER 100-42-5 | |
|--|---|
| Remark (ACGIH) | TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference | ACGIH 2025 |
| USA - ACGIH - Biological Exposure Indices | |
| Local name | Styrene, monomer |
| BEI | 150 mg/g creatinine Parameter: Mandelic acid plus phenylglyoxylic acid - Medium: urine - Sampling time: End of shift - Notations: Ns 20 µg/l Parameter: Styrene - Medium: urine - Sampling time: End of shift |
| Regulatory reference | ACGIH 2025 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Styrene |
| OSHA PEL TWA | 100 ppm |
| OSHA PEL C | 200 ppm |
| Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift | 600 ppm 5 mins. in any 3 hrs. |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-2 |
| ACRYLIC ACID GLACIAL MONOMER 79-10-7 | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Acrylic acid |
| ACGIH® TLV® TWA | 2 ppm |
| Remark (ACGIH) | TLV® Basis: URT irr. Notations: Skin; A4 (Not classifiable as a Human Carcinogen) |
| Regulatory reference | ACGIH 2024 |

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:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

Eye protection:

Wear closed safety glasses

Skin and body protection:

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

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

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 | : Orange |
| Odour | : characteristic |
| Odour threshold | : Not available |
| pH | : Not available |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flash point | : 31 °C |
| Relative evaporation rate (butylacetate=1) | : Not available |
| Flammability | : Not available |
| Explosive limits | : Not available |
| Vapour pressure | : Not available |
| Relative vapour density at 20°C | : Not available |
| Relative density | : Not available |
| Density | : 1.5 – 1.601 g/cm ³ |
| 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 | : 115 – 125 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 |

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 |

HEAVY AROMATIC NAPHTA64742-94-5

| | |
|---------------|------------------------|
| Boiling point | 174 – 193 °C |
| Flash point | ≥ 62 °C Source: IUCLID |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| HEAVY AROMATIC NAPHTHA64742-94-5 | |
|---|----------------------|
| Auto-ignition temperature | 461 °C |
| Vapour pressure | 4100 Pa Temp.: 25 °C |

| MIXED XYLENES1330-20-7 | |
|-------------------------------|--------------------------------|
| Boiling point | 138 °C Source: ICSC |
| Flash point | 30 °C (ASTM D 93) |
| Auto-ignition temperature | ≥ 528 °C Source: SRC |
| Vapour pressure | 8.84 mm Hg at 25°C Source: SRC |

| Light aromatic naphtha (petroleum) solvent64742-95-6 | |
|---|--------------------------|
| Boiling point | 135 – 210 °C Source: NLM |
| Flash point | < 41 °C Source: IUCLID |
| Vapour pressure | ≤ 240 kPa Temp.: 37,8 °C |

| PINE DIPENTENE138-86-3 | |
|-------------------------------|---|
| Boiling point | 176 °C Source: Hazardous Substances Data Bank |
| Flash point | 48 °C |
| Auto-ignition temperature | 245 °C |
| Vapour pressure | 1.98 mm Hg |

| naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F)].64742-82-1 | |
|---|---------------------------------------|
| Boiling point | -20 – 260 °C Atm. press.: 101,325 kPa |
| Flash point | < -40 °C Atm. press.: 101,325 other: |
| Vapour pressure | ≤ 240 kPa Temp.: 37,8 °C |

| STYRENE MONOMER100-42-5 | |
|--------------------------------|-------------------------------|
| Boiling point | 145 °C Source: ICSC |
| Flash point | 31 °C Source: ICSC |
| Auto-ignition temperature | 490 °C Source: ICSC |
| Vapour pressure | 0.67 kPa at 20°C Source: ICSC |

| 2-ETHYLHEXYL ACRYLATE103-11-7 | |
|--------------------------------------|---|
| Boiling point | 213.5 °C Source: ICSC |
| Flash point | 86 °C Source: HSDB |
| Auto-ignition temperature | 252 °C Source: ICSC |
| Vapour pressure | 0.178 mm Hg at 25 °C Source: ChemIDplus |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| ISOBUTYL METHACRYLATE97-86-9 | |
|------------------------------|---|
| Boiling point | 155 °C Source: Corporate Solution From Thomson Micromedex |
| Flash point | 49 °C Source: National Institute of Technology and Evaluation |
| Auto-ignition temperature | 390 °C Source: International Chemical Safety Cards |
| Vapour pressure | 3.63 mm Hg Source: Corporate Solution From Thomson Micromedex |

| 2-HYDROXYETHYL METACRILATE868-77-9 | |
|------------------------------------|---|
| Boiling point | 250 °C Source: ICSC |
| Flash point | 97 °C Source: ICSC |
| Auto-ignition temperature | 375 °C Source: ECHA |
| Vapour pressure | 0.126 mm Hg at 25 °C Source: ChemIDplus |

| HYDROXYPROPYL METHACRYLATE923-26-2 | |
|------------------------------------|--|
| Boiling point | 219 °C |
| Flash point | 87 °C |
| Auto-ignition temperature | 52.9 °C |
| Vapour pressure | 0.072 mm Hg at 25°C Source: ChemIDplus |

| ACRYLIC ACID GLACIAL MONOMER79-10-7 | |
|-------------------------------------|-----------------------------|
| Boiling point | 141 °C Source: ICSC |
| Flash point | 50 °C Source: HSDB |
| Auto-ignition temperature | 395 °C Source: ICSC |
| Vapour pressure | 413 Pa at 20°C Source: ICSC |

| TERT-BUTYL PERBENZOATE614-45-9 | |
|--------------------------------|--------------------|
| Boiling point | 75 – 76 °C |
| Flash point | 93 °C Source: HSDB |
| Vapour pressure | 0.33 mm Hg |

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 | : Combustible materials. |
| Possibility of hazardous reactions | : Liquids/vapours may ignite or react with other materials. |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |
Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| | |
|----------------------|--|
| Reactivity | : The product is non-reactive under normal conditions of use, storage and transport. |
| Handling temperature | : No additional information available |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

| W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A | |
|--|---|
| ATE BR (dermal) | 3410.913 mg/kg bodyweight |
| 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 |
| HEAVY AROMATIC NAPHTA (64742-94-5) | |
| LD50 oral rat | > 5000 mg/kg Source: IUCLID |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other: |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat (Dust/Mist) | > 0.59 mg/l Source: RTECS |
| MIXED XYLENES (1330-20-7) | |
| LD50 oral rat | 3523 mg/kg Source: ECHA |
| LD50 dermal rabbit | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male |
| LC50 Inhalation - Rat [ppm] | 5922 ppm |
| Light aromatic naphtha (petroleum) solvent (64742-95-6) | |
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rat | > 2000 mg/kg Source: ECHA |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat (Vapours) | 5.16 mg/l Source: ECHA |
| PINE DIPENTENE (138-86-3) | |
| LD50 oral rat | 5300 mg/kg Source: Chemidplus |
| LD50 dermal rabbit | 5000 mg/kg Source: National Library of Medicine/Hazardous Substances Data Bank |
| naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1) | |
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1)

LD50 dermal rabbit > 3160 mg/kg Source: IUCLID

STYRENE MONOMER (100-42-5)

LD50 oral rat 5000 mg/kg Source: ECHA

LD50 oral > 6000 mg/kg bodyweight Animal: hamster, Syrian, Animal sex: male

LD50 dermal rat > 2000 mg/kg Source: ECHA

LC50 Inhalation - Rat (Vapours) 11.8 mg/l Source: ECHA

2-ETHYLHEXYL ACRYLATE (103-11-7)

LD50 oral rat 4000 – 6000 mg/kg Source: OECD Screening Information Data Set

LD50 dermal rabbit > 10000 mg/kg Source: OECD Screening Information Data Set

2-HYDROXYETHYL METACRILATE (868-77-9)

LD50 oral rat > 4000 mg/kg Source: OECD Screening Information Data Set

LD50 dermal rabbit > 3000 mg/kg Source: OECD Screening Information Data Set

ACRYLIC ACID GLACIAL MONOMER (79-10-7)

LD50 oral rat 146 – 468 mg/kg

LD50 dermal rabbit 640 mg/kg

TERT-BUTYL PERBENZOATE (614-45-9)

LD50 oral rat 1012 mg/kg

LC50 Inhalation - Rat 1.01 g/m³

Skin corrosion/irritation : Causes skin irritation.

ORGANIC PIGMENT BENZIMIDAZOLONE YELLOW (72102-84-2)

pH 6 – 8

MIXED XYLENES (1330-20-7)

pH 7

HYDROXYPROPYL METHACRYLATE (923-26-2)

pH 6

Serious eye damage/irritation : Causes serious eye irritation.

ORGANIC PIGMENT BENZIMIDAZOLONE YELLOW (72102-84-2)

pH 6 – 8

MIXED XYLENES (1330-20-7)

pH 7

HYDROXYPROPYL METHACRYLATE (923-26-2)

pH 6

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| MIXED XYLENES (1330-20-7) | |
|---|--|
| IARC group | 3 - Not classifiable |
| STYRENE MONOMER (100-42-5) | |
| IARC group | 2B - Possibly carcinogenic to humans |
| 2-ETHYLHEXYL ACRYLATE (103-11-7) | |
| IARC group | 3 - Not classifiable |
| ACRYLIC ACID GLACIAL MONOMER (79-10-7) | |
| IARC group | 3 - Not classifiable |
| HEAVY AROMATIC NAPHTA (64742-94-5) | |
| NOAEL (animal/male, F0/P) | 35 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other: |
| NOAEL (animal/female, F0/P) | 125 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other: |
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
| STOT-single exposure | : May cause respiratory irritation. |
| MIXED XYLENES (1330-20-7) | |
| STOT-single exposure | May cause respiratory irritation. |
| STYRENE MONOMER (100-42-5) | |
| STOT-single exposure | May cause respiratory irritation. |
| 2-ETHYLHEXYL ACRYLATE (103-11-7) | |
| STOT-single exposure | May cause respiratory irritation. |
| ISOBUTYL METHACRYLATE (97-86-9) | |
| STOT-single exposure | May cause respiratory irritation. |
| STOT-repeated exposure | : May cause damage to organs through prolonged or repeated exposure. |
| 2-methoxy-1-methylethyl acetate (108-65-6) | |
| NOAEL (dermal, rat/rabbit, 90 days) | > 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |
| HEAVY AROMATIC NAPHTA (64742-94-5) | |
| LOAEC (inhalation, rat, vapour, 90 days) | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |
| NOAEC (inhalation, rat, vapour, 90 days) | 2.355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |
| MIXED XYLENES (1330-20-7) | |
| LOAEL (oral, rat, 90 days) | 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1)

STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure.

STYRENE MONOMER (100-42-5)

LOAEL (oral, rat, 90 days) 2000 mg/kg bodyweight Animal: rat

LOAEC (inhalation, rat, vapour, 90 days) 0.21 mg/l air Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

NOAEL (oral, rat, 90 days) 1000 mg/kg bodyweight Animal: rat

NOAEL (subchronic, oral, animal/male, 90 days) 10 mg/kg bodyweight Animal: mouse, Animal sex: male

STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure.

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

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

Viscosity, kinematic 2.169 – 2.517 mm²/s

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

Viscosity, kinematic 1.182 mm²/s

MIXED XYLENES (1330-20-7)

Viscosity, kinematic ≈ 0.76 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

Light aromatic naphtha (petroleum) solvent (64742-95-6)

Viscosity, kinematic < 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'

naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).] (64742-82-1)

Viscosity, kinematic < 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'

STYRENE MONOMER (100-42-5)

Viscosity, kinematic 0.77 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)'

2-ETHYLHEXYL ACRYLATE (103-11-7)

Viscosity, kinematic 1.966 mm²/s

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : May cause damage to organs through prolonged or repeated exposure. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May be fatal if swallowed and enters airways. |
| Symptoms/effects after inhalation | : Inhalation may cause irritation (cough, short breathing, difficulty in breathing). |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. Causes skin irritation. irritation (itching, redness, blistering). Cracking of the skin. Prolonged or repeated contact may cause skin to become dry. |
| Symptoms/effects after eye contact | : stinging. Redness. Causes serious eye irritation. redness, itching, tears. |
| Symptoms/effects after ingestion | : May cause irritation to the digestive tract. Risk of lung oedema. |
| Chronic symptoms | : May cause cancer. May cause heritable genetic damage. Suspected of damaging fertility. Suspected of damaging the unborn child. |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

SECTION 12: Ecological information

12.1. Toxicity

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

| 2-methoxy-1-methylethyl acetate108-65-6 | |
|---|--|
| LC50 - Fish [1] | 100 mg/l Test organisms (species): <i>Oryzias latipes</i> |
| EC50 - Crustacea [1] | 500 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 72h - Algae [1] | 1000 mg/l Test organisms (species): <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| NOEC (chronic) | ≥ 100 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d' |
| NOEC chronic fish | 47.5 mg/l Test organisms (species): <i>Oryzias latipes</i> Duration: '14 d' |
| HEAVY AROMATIC NAPHTHA64742-94-5 | |
| LC50 - Fish [1] | 0.58 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>) |
| EC50 - Crustacea [1] | 0.76 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 - Other aquatic organisms [1] | 2.9 mg/l Test organisms (species): other: |
| LC50 - Fish [2] | 6.1 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>) |
| EC50 72h - Algae [1] | 2.5 mg/l Source: IUCLID |
| ORGANIC PIGMENT BENZIMIDAZOLONE YELLOW72102-84-2 | |
| LC50 - Fish [1] | 254.696 mg/l Source: ECOSAR |
| EC50 96h - Algae [1] | 0.023 mg/l Source: ECOSAR |
| MIXED XYLENES1330-20-7 | |
| LC50 - Fish [1] | 2.6 mg/l Source: ECHA |
| EC50 - Crustacea [1] | 3.4 mg/l Test organisms (species): <i>Ceriodaphnia dubia</i> |
| ErC50 algae | 2.2 mg/l |
| LOEC (chronic) | 3.16 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d' |
| NOEC chronic fish | > 1.3 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>) Duration: '56 d' |
| Light aromatic naphtha (petroleum) solvent64742-95-6 | |
| 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 |
| PINE DIPENTENE138-86-3 | |
| LC50 - Fish [1] | 38.5 mg/l Source: HSDB |
| EC50 - Crustacea [1] | 17 mg/l Source: The ECOTOXicology database |
| EC50 96h - Algae [1] | 0.212 mg/l Source: Ecological Structure Activity Relationships |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F)].64742-82-1

LC50 - Other aquatic organisms [1] 4.3 mg/l Source: IUCLID

STYRENE MONOMER100-42-5

LC50 - Fish [1] 10 mg/l Source: ECHA

EC50 - Crustacea [1] 4.7 mg/l Source: ECHA

EC50 72h - Algae [1] 4.9 mg/l Source: ECHA

EC50 96h - Algae [1] 6.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

LOEC (chronic) 2.06 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

NOEC (chronic) 1.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

2-ETHYLHEXYL ACRYLATE103-11-7

LC50 - Fish [1] 1.8 mg/l Source: OECD Screening Information Data Set

EC50 - Crustacea [1] 1.3 mg/l Source: OECD Screening Information Data Set

EC50 72h - Algae [1] 44 mg/l Source: International Uniform Chemical Information Database

ISOBUTYL METHACRYLATE97-86-9

LC50 - Fish [1] 20 mg/l Source: International Uniform Chemical Information Database

EC50 - Crustacea [1] 23 mg/l Source: International Uniform Chemical Information Database

EC50 96h - Algae [1] 0.29 mg/l Source: International Uniform Chemical Information Database

2-HYDROXYETHYL METACRYLATE868-77-9

LC50 - Fish [1] > 100 mg/l Source: OECD Screening Information Data Set

EC50 - Crustacea [1] 380 mg/l Source: OECD Screening Information Data Set

EC50 72h - Algae [1] 345 mg/l Source: OECD Screening Information Data Set

HYDROXYPROPYL METHACRYLATE923-26-2

LC50 - Fish [1] 157.065 mg/l Source: Ecological Structure Activity Relationships

ACRYLIC ACID GLACIAL MONOMER79-10-7

LC50 - Fish [1] 27 mg/l Source: ECHA

EC50 - Crustacea [1] 95 mg/l Source: ECHA

EC50 96h - Algae [1] 0.13 mg/l Source: ECHA

TERT-BUTYL PERBENZOATE614-45-9

LC50 - Fish [1] 0.402 mg/l Source: ECOSAR

EC50 - Crustacea [1] 11 mg/l

ErC50 algae 0.8 mg/l

NOEC chronic fish 0.101 mg/l

NOEC chronic algae 0.44 mg/l

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

12.2. Persistence and degradability

| W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A | |
|--|------------------------|
| Persistence and degradability | Not rapidly degradable |
| 2-methoxy-1-methylethyl acetate108-65-6 | |
| Persistence and degradability | Not rapidly degradable |
| HEAVY AROMATIC NAPHTHA64742-94-5 | |
| Persistence and degradability | Not rapidly degradable |
| ORGANIC PIGMENT BENZIMIDAZOLONE YELLOW72102-84-2 | |
| Persistence and degradability | Not rapidly degradable |
| MIXED XYLENES1330-20-7 | |
| Persistence and degradability | Not rapidly degradable |
| Light aromatic naphtha (petroleum) solvent64742-95-6 | |
| Persistence and degradability | Not rapidly degradable |
| PINE DIPENTENE138-86-3 | |
| Persistence and degradability | Not rapidly degradable |
| naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F).]64742-82-1 | |
| Persistence and degradability | Not rapidly degradable |
| STYRENE MONOMER100-42-5 | |
| Persistence and degradability | Not rapidly degradable |
| 2-ETHYLHEXYL ACRYLATE103-11-7 | |
| Persistence and degradability | Not rapidly degradable |
| ISOBUTYL METHACRYLATE97-86-9 | |
| Persistence and degradability | Not rapidly degradable |
| 2-HYDROXYETHYL METACRILATE868-77-9 | |
| Persistence and degradability | Not rapidly degradable |
| HYDROXYPROPYL METHACRYLATE923-26-2 | |
| Persistence and degradability | Not rapidly degradable |
| ACRYLIC ACID GLACIAL MONOMER79-10-7 | |
| Persistence and degradability | Not rapidly degradable |
| TERT-BUTYL PERBENZOATE614-45-9 | |
| Persistence and degradability | Not rapidly degradable |

12.3. Bioaccumulative potential

| 2-methoxy-1-methylethyl acetate108-65-6 | |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 0.43 Source: International Uniform Chemical Information Database |

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

18/21

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

| | |
|---|--|
| HEAVY AROMATIC NAPHTA64742-94-5 | |
| Partition coefficient n-octanol/water (Log Pow) | 2.9 – 6.1 Source: IUCLID |
| MIXED XYLENES1330-20-7 | |
| Partition coefficient n-octanol/water (Log Pow) | 3.15 Source: HSDB |
| Light aromatic naphtha (petroleum) solvent64742-95-6 | |
| Partition coefficient n-octanol/water (Log Pow) | 2.1 – 6 Source: IUCLID |
| PINE DIPENTENE138-86-3 | |
| Partition coefficient n-octanol/water (Log Pow) | 4.57 Source: Hazardous Substances Data Bank |
| naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha; [A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C7 through C12 and boiling in the range of approximately 90°C to 230°C (194°F to 446 °F)].64742-82-1 | |
| Partition coefficient n-octanol/water (Log Pow) | 2.1 – 6 Source: IUCLID |
| STYRENE MONOMER100-42-5 | |
| Partition coefficient n-octanol/water (Log Pow) | 2.95 Source: HSDB, ChemIDplus |
| 2-ETHYLHEXYL ACRYLATE103-11-7 | |
| Partition coefficient n-octanol/water (Log Pow) | 3.67 Source: ICSC |
| ISOBUTYL METHACRYLATE97-86-9 | |
| Partition coefficient n-octanol/water (Log Pow) | 2.95 Source: OECD Screening Information Data Set |
| 2-HYDROXYETHYL METACRILATE868-77-9 | |
| Partition coefficient n-octanol/water (Log Pow) | 0.42 Source: ICSC |
| HYDROXYPROPYL METHACRYLATE923-26-2 | |
| Partition coefficient n-octanol/water (Log Pow) | 0.97 Source: ChemIDplus |
| ACRYLIC ACID GLACIAL MONOMER79-10-7 | |
| Partition coefficient n-octanol/water (Log Pow) | 0.36 Source: ICSC |
| TERT-BUTYL PERBENZOATE614-45-9 | |
| Partition coefficient n-octanol/water (Log Pow) | 2.89 |

12.4. Mobility in soil

| | |
|--|----------------------|
| 2-ETHYLHEXYL ACRYLATE103-11-7 | |
| Mobility in soil | 54954 |
| ACRYLIC ACID GLACIAL MONOMER79-10-7 | |
| Mobility in soil | 6 – 137 Source: ECHA |

12.5. Other adverse effects

Hazardous to the ozone layer : Not available

SECTION 13: Disposal considerations

Waste treatment methods : Must follow special treatment according to local regulation.
Sewage disposal recommendations : Disposal must be done according to official regulations.

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |
Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

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

14.2 Other informations

No additional information available

WEG TINTAS LTDA – GRUPO WEG.

Guaramirim-SC | Mauá-SP | Cabo de Santo Agostinho-PE | Betim-MG | Macaé-RJ |

Buenos Aires – Argentina | Atotonilco de Tula - México

E-mail: tintas@weg.net - www.weg.net

20/21

W-THANE HB/HS 470 R T ORANGE RAL 2003 COMPONENT A

19153058

Safety Data Sheet

According to ABNT NBR 14725: 2023

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)

SECTION 16: Other information

Abbreviations and acronyms : CAS-No. - Chemical Abstract 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.