

W-THANE HIDRO HPA 50 1 R GRAY RAL 7011 A COMPONENT



Safety Data Sheet

According to ABNT NBR 14725: 2023
Issue date: 6/2/2025 Revision date: 3/25/2026 Version: 4.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : W-THANE HIDRO HPA 50 1 R GRAY RAL 7011 A COMPONENT
Product code : 16571437
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	

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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)

Skin corrosion/irritation, Category 3

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

Signal word (GHS BR)	: Warning
Hazard statements (GHS BR)	: H316 - Causes mild skin irritation H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (GHS BR)	: P273 - Avoid release to the environment. P332+P313 - If skin irritation occurs: Get medical advice or attention. 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)
Hydrocarbons, C9, aromatics	CAS-No.: 128601-23-0	1 – 5	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Acute Tox. 3 (Inhalation:vapour), H331 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

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Name	GHS Product identifier	Conc. (% w/w)	Classification according to GHS BR (ABNT NBR 14725: 2023)
1-BUTOXYPROPAN-2-OL	CAS-No.: 5131-66-8	1 – 5	Flam. Liq. 3, H226 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Triethanolamine	CAS-No.: 102-71-6	1 – 5	Acute Tox. 4 (Dermal), H312
POLYPROPYLENE GLYCOL	CAS-No.: 25322-69-4	1 – 5	Acute Tox. 5 (Oral), H303

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, acute and delayed

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

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

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Specific hazards arising from the chemical

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

5.3. Special protective actions for fire-fighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

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

8.3. Individual protection measures

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

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Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Grey
Odour	: characteristic
Odour threshold	: Not available
pH	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flash point	: 97 °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	: 1.33 – 1.43 g/cm³
Solubility	: In water, material soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 70 – 80 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

POLYPROPYLENE GLYCOL25322-69-4

Flash point	185 °C
Auto-ignition temperature	201 °C

Hydrocarbons, C9, aromatics128601-23-0

Boiling point	≥ 180 °C
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Hydrocarbons, C9, aromatics128601-23-0

Flash point	≥ 51 °C
Auto-ignition temperature	> 400 °C
Vapour pressure	≥ 0.2 kPa

Triethanolamine102-71-6

Boiling point	335 °C
Flash point	179 °C
Auto-ignition temperature	324 °C
Vapour pressure	1.33 mm Hg

1-BUTOXYPROPAN-2-OL5131-66-8

Boiling point	171.5 °C Source: NLM; chemIDplus, experimental
Flash point	54.5 °C Source: KOSHANET
Auto-ignition temperature	260 °C
Vapour pressure	0.187 kPa Source: TOMES; LOLI

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	: Stable under normal conditions.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Incompatible materials	: No additional information available
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Handling temperature	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not available
Acute toxicity (dermal)	: Not available
Acute toxicity (inhalation)	: Not available

POLYPROPYLENE GLYCOL (25322-69-4)

LD50 oral rat	> 2000 mg/kg
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Hydrocarbons, C9, aromatics (128601-23-0)

LD50 oral rat	≥ 3492 mg/kg bodyweight
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight

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Hydrocarbons, C9, aromatics (128601-23-0)

LC50 Inhalation - Rat $\geq 4688 \text{ mg/m}^3$

Triethanolamine (102-71-6)

LD50 oral rat 4200 – 11300 mg/kg

LD50 dermal rabbit 2000 mg/kg

1-BUTOXYPROPAN-2-OL (5131-66-8)

LD50 oral rat 5660 mg/kg Source: NLM;HSDB, TOMES;LOLI;

LD50 dermal rabbit 3100 mg/kg Source: NLM;chemIDplus, TOMES;LOLI;

Skin corrosion/irritation : Causes mild skin irritation.

Triethanolamine (102-71-6)

pH 10.5

Serious eye damage/irritation : Not available

Triethanolamine (102-71-6)

pH 10.5

Respiratory or skin sensitisation : Not available

Germ cell mutagenicity : Not available

Carcinogenicity : Not available

Triethanolamine (102-71-6)

IARC group 3 - Not classifiable

Reproductive toxicity : Not available

STOT-single exposure : Not available

Hydrocarbons, C9, aromatics (128601-23-0)

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

STOT-repeated exposure : Not available

Hydrocarbons, C9, aromatics (128601-23-0)

LOAEC (inhalation, rat, gas, 90 days) $\geq 1437 \text{ ppmv/6h/day}$

NOAEL (oral, rat, 90 days) $\geq 600 \text{ mg/kg bodyweight/day}$

Aspiration hazard : Not available

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Viscosity, kinematic 1.478 – 1.817 mm²/s

Hydrocarbons, C9, aromatics (128601-23-0)

Viscosity, kinematic $\geq 1.06 \text{ mm}^2/\text{s}$

1-BUTOXYPROPAN-2-OL (5131-66-8)

Viscosity, kinematic 3.864 mm²/s

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

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

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SECTION 12: Ecological information

12.1. Toxicity

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

POLYPROPYLENE GLYCOL25322-69-4

LC50 - Fish [1]	1700 mg/l Source: ECOTOX
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Hydrocarbons, C9, aromatics128601-23-0

LC50 - Fish [1]	≥ 9.2 mg/l
NOEC (chronic)	≥ 0.34 mg/l

Triethanolamine102-71-6

LC50 - Fish [1]	11800 mg/l
EC50 - Crustacea [1]	609.98 mg/l
ErC50 algae	169 mg/l

1-BUTOXYPROPAN-2-OL5131-66-8

LC50 - Fish [1]	797.9 mg/l Source: ECOSAR
EC50 - Crustacea [1]	387.199 mg/l Source: ECOSAR
EC50 96h - Algae [1]	118.237 mg/l Source: ECOSAR

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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POLYPROPYLENE GLYCOL25322-69-4

Persistence and degradability	Not rapidly degradable
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Hydrocarbons, C9, aromatics128601-23-0

Persistence and degradability	Not rapidly degradable
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Triethanolamine102-71-6

Persistence and degradability	Not rapidly degradable
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1-BUTOXYPROPAN-2-OL5131-66-8

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

Triethanolamine102-71-6

Partition coefficient n-octanol/water (Log Pow)	-1.59
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1-BUTOXYPROPAN-2-OL5131-66-8

Partition coefficient n-octanol/water (Log Pow)	0.98 Source: EPISUITE
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12.4. Mobility in soil

1-BUTOXYPROPAN-2-OL5131-66-8

Mobility in soil	9.228
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12.5. Other adverse effects

Hazardous to the ozone layer : Not available

SECTION 13: Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

SECTION 14: Transport information

14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
UN number		
Not regulated for transport		
UN Proper Shipping Name		
Not regulated	Not regulated	Not regulated
Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
Danger labels		
Not regulated	Not regulated	Not regulated
Subsidiary risk		
Not regulated	Not regulated	Not regulated
Risk Number		
Not regulated	Not regulated	Not regulated
Packing group		
Not regulated	Not regulated	Not regulated
Special provisions		
Not regulated	Not regulated	Not regulated
Dangerous for the environment		
Not regulated	Not regulated	Not regulated

14.2 Other informations

No additional information available

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SECTION 15: Regulatory information

15.1. National regulations

No additional information available

SECTION 16: Other information

Abbreviations and acronyms

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

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

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