

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

## Safety Data Sheet

According to ABNT NBR 14725: 2023  
Issue date: 4/21/2026 Version: 1.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : POLITHERM 29 TF R SM GRAY W RAL 7043 MA  
Product code : 19374116  
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 : Electrostatic powder paint for surface coating.

#### 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

##### 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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

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)

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 statements (GHS BR) : H412 - Harmful to aquatic life with long lasting effects  
Precautionary statements (GHS BR) : P273 - Avoid release to the environment.  
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)
BARIUM SULFATE CHARGE	CAS-No.: 7727-43-7	20 – 40	Acute Tox. 5 (Oral), H303 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
HARDNER HYDROXYALKYLAMIDE	CAS-No.: 6334-25-4	1 – 5	Aquatic Acute 3, H402 Aquatic Chronic 3, H412

## 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.

#### 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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

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. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.

Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

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

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

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 : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

## 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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

### 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

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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



#### 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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

### SECTION 9: Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Dusty powder.
Colour	: Grey
Odour	: characteristic
Odour threshold	: Not available
pH	: Not available
Melting point	: Not available
Freezing point	: Not applicable
Boiling point	: Not available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: Not applicable 50 – 70 g/m <sup>3</sup>
Vapour pressure	: Not available
Relative vapour density at 20°C	: Not applicable
Relative density	: Not available
Density	: 1.69 g/cm <sup>3</sup>
Solubility	: Insoluble in water, partially soluble in some solvents and thinners oxygen as acetone, ethyl acetate, methyl ethyl, ketone, among others.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: 300 °C
Viscosity, kinematic	: Not applicable
Particle size	: 25 — 60 µm
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle specific surface area	: Not available

#### HARDNER HYDROXYALKYLAMIDE6334-25-4

Boiling point	607.7 °C Source: lookchem
Flash point	321.3 °C Source: lookchem

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

VOC Total (lb/gal) : 0 lb/gal

#### 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

#### 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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

### 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

##### BARIUM SULFATE CHARGE (7727-43-7)

LD50 oral rat > 3000 mg/kg

Skin corrosion/irritation : Not available

##### BARIUM SULFATE CHARGE (7727-43-7)

pH 8.5 – 10

Serious eye damage/irritation : Not available

##### BARIUM SULFATE CHARGE (7727-43-7)

pH 8.5 – 10

Respiratory or skin sensitisation : Not available  
Germ cell mutagenicity : Not available  
Carcinogenicity : Not available  
Reproductive toxicity : Not available  
STOT-single exposure : Not available  
STOT-repeated exposure : Not available  
Aspiration hazard : Not available

##### POLITHERM 29 TF R SM GRAY W RAL 7043 MA

Viscosity, kinematic Not applicable

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

Symptoms/effects after inhalation : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.  
Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.  
Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.  
Symptoms/effects after ingestion : None under normal conditions.

### SECTION 12: Ecological information

#### 12.1. Toxicity

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

##### BARIUM SULFATE CHARGE 7727-43-7

EC50 - Crustacea [1] 32 mg/l Source: ECOTOX

EC50 96h - Algae [1] 1890.263 mg/l Source: ECOSAR

##### HARDNER HYDROXYALKYLAMIDE 6334-25-4

EC50 96h - Algae [1] 29.401 mg/l Source: EPISUITE

#### 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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

### 12.2. Persistence and degradability

POLITHERM 29 TF R SM GRAY W RAL 7043 MA	
Persistence and degradability	Not rapidly degradable
BARIUM SULFATE CHARGE7727-43-7	
Persistence and degradability	Not rapidly degradable
HARDNER HYDROXYALKYLAMIDE6334-25-4	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

HARDNER HYDROXYALKYLAMIDE6334-25-4	
Partition coefficient n-octanol/water (Log Pow)	-3.82 Source: EPISUITE

### 12.4. Mobility in soil

HARDNER HYDROXYALKYLAMIDE6334-25-4	
Mobility in soil	10 Source: EPISUITE

### 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	: Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

## SECTION 14: Transport information

### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
<b>UN number</b>		
Not regulated for transport		
<b>UN Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>Danger labels</b>		
Not regulated	Not regulated	Not regulated
<b>Subsidiary risk</b>		
Not regulated	Not regulated	Not regulated

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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)

# POLITHERM 29 TF R SM GRAY W RAL 7043 MA

19374116

## Safety Data Sheet

According to ABNT NBR 14725: 2023

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

## 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.

**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](mailto:tintas@weg.net) - [www.weg.net](http://www.weg.net)