



# POLITHERM 22 R SM GRAY 11680 BR

## Safety Data Sheet

According to ABNT NBR 14725:2023  
Issue date: 2/20/2024 SAP export date: 2/20/2024 Version: 1.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : POLITHERM 22 R SM GRAY 11680 BR  
Product code : 14897435  
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

PAUMAR S.A. INDÚSTRIA E COMÉRCIO - GRUPO WEG  
Rodovia BR 280 - km 50 CEP 89270-000, Guaramirim - Santa Catarina - Brasil

#### 1.5. Emergency phone number

Emergency number :  
**SPILL/TOXICOLOGY WGRA** 0800 720 8000  
**CHEMTREC international number** + 1 703-741-5970

Country	City	Local Number	Toll-Free Number
Austria	Vienna	43-13649237	
China		4001-204937	
France		33-975181407	
Germany	Frankfurt	49-69643508409	0800-181-7059
India		000-800-100-7141	000-800-100-7141
Italy	Milan	39-0245557031	800-789-767
Italy		800-789-767	
Netherlands		31-858880596	
Russia		8-800-100-6346	8-800-100-6346
South Africa		0-800-983-611	0-800-983-611
United Kingdom	London	44-870-8200418	
United Kingdom		44-2038073798	
South korea			080-880-0468
Japan	tokyo		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 - Chronic Hazard, Category 3

# POLITHERM 22 R SM GRAY 11680 BR

## Safety Data Sheet

According to ABNT NBR 14725:2023

### 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/or 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)
ANTIOXIDANT ADDITIVE	CAS-No.: 36443-68-2	0.1 – 1

## SECTION 4: First-aid measures

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

No additional information available

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

No additional information available

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

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

No additional information available

### 5.2. Specific hazards arising from the chemical

No additional information available

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

No additional information available

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

# POLITHERM 22 R SM GRAY 11680 BR

## Safety Data Sheet

According to ABNT NBR 14725:2023

### 6.2. Environmental precautions

No additional information available

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

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No additional information available

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

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Dusty powder.
Colour	: Grey
Odour	: slight
Odour threshold	: Not available
pH	: Not applicable
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not available
Flammability	: Not available
Explosive limits	: 50 – 70 g/m <sup>3</sup>
Vapour pressure	: Not available
Relative vapour density at 20°C	: Not applicable
Relative density	: Not available
Density	: 1.68 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
Viscosity, dynamic	: Not applicable
Particle size	: 25 — 60 µm
Particle size distribution	: Not available
Particle shape	: Not available

# POLITHERM 22 R SM GRAY 11680 BR

## Safety Data Sheet

According to ABNT NBR 14725:2023

Particle aspect ratio : Not available  
Particle specific surface area : Not available

### ANTIOXIDANT ADDITIVE (36443-68-2)

Flash point	150 °C
-------------	--------

### 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 : No additional information available  
Conditions to avoid : No additional information available  
Hazardous decomposition products : No additional information available  
Incompatible materials :  
Possibility of hazardous reactions : No additional information available  
Reactivity : No additional information available  
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  
Skin corrosion/irritation : Not available  
pH: Not applicable

### ANTIOXIDANT ADDITIVE (36443-68-2)

pH	7
----	---

Serious eye damage/irritation : Not available  
pH: Not applicable

### ANTIOXIDANT ADDITIVE (36443-68-2)

pH	7
----	---

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 22 R SM GRAY 11680 BR

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

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

No additional information available

# POLITHERM 22 R SM GRAY 11680 BR

## Safety Data Sheet

According to ABNT NBR 14725:2023

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not available

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

##### POLITHERM 22 R SM GRAY 11680 BR

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

##### ANTIOXIDANT ADDITIVE (36443-68-2)

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

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Hazardous to the ozone layer : Not available

### SECTION 13: Disposal considerations

No additional information available

### SECTION 14: Transport information

#### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

ANTT	IMDG	IATA
<b>UN number</b>		
Not applicable	Not applicable	Not applicable
<b>UN Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>Danger labels</b>		
Not applicable	Not applicable	Not applicable
<b>Subsidiary risk</b>		
Not applicable	Not applicable	Not applicable
<b>Risk Number</b>		
Not applicable	Not applicable	Not applicable
<b>Packing group</b>		
Not applicable	Not applicable	Not applicable

# POLITHERM 22 R SM GRAY 11680 BR

## Safety Data Sheet

According to ABNT NBR 14725:2023

Special provisions		
Not applicable	Not applicable	Not applicable
Dangerous for the environment		
No	Not applicable	Not applicable

### 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 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.