



# POWERTEX HARDENER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Date of issue: 9/10/2002 Revision date: 11/20/2019 Version: 2.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : POWERTEX HARDENER  
Synonyms : POWERTEX TRANSPARANT, WHITE, YELLOW OCHRE, RED, TERRACOTTA, GREY, BRONZE, GREEN, BLUE, BLACK

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer uses  
Industrial/Professional use spec : Waterbased hardener

##### 1.2.2. Uses advised against

Restrictions on use : Not to be used for any purpose other than the one the product was designed for

#### 1.3. Details of the supplier of the safety data sheet

##### Distributor

Powertex International  
Strombeeksesteenweg 205  
1800 KONINGSLO-VILVOORDE - BELGIË  
T +32 2 310 60 90 - F +32 2 310 66 99  
[powertex@me.com](mailto:powertex@me.com) - [www.powertex.be](http://www.powertex.be)

#### 1.4. Emergency telephone number

Emergency number : Belgian poison control centre : 00 32 (0)70 245 245

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Not classified

#### Adverse physicochemical, human health and environmental effects

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC.

#### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

No labelling applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dispersion of high performance polymers		40 - 60	Not classified
dye stuffs and pigments		<= 8	Not classified
Rest monomeres		< 0.2	Not classified

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person.  
First-aid measures after inhalation : Not applicable.  
First-aid measures after skin contact : Remove clothing before washing. Wash with water and soap.  
First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Take victim to an ophthalmologist if irritation persists.

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First-aid measures after ingestion : (If swallowed, rinse mouth, nose and throat with water (only if the person is conscious)).  
Drink plenty of water. Consult a doctor/medical service if you feel unwell.

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

Symptoms/effects after skin contact : Irritating in extreme situations.  
Symptoms/effects after eye contact : Irritating in extreme situations.  
Symptoms/effects after ingestion : Nausea.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : The product itself does not burn. In dry state: combustible.  
Explosion hazard : No direct explosion hazard.  
Reactivity in case of fire : Upon combustion CO and CO<sub>2</sub> are formed.

### 5.3. Advice for firefighters

Precautionary measures fire : Evacuate unnecessary personnel. Shut off leaks if without risks.  
Firefighting instructions : Prevent fire fighting water from entering the environment.  
Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.  
Other information : The product itself does not burn.

## SECTION 6: Accidental release measures

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

General measures : Not applicable.

#### 6.1.1. For non-emergency personnel

Protective equipment : Use protective clothing. See Heading 8.  
Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and gloves. Equip cleanup crew with proper protection.  
Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Shut off leaks if without risks. Contain released substance, pump into suitable containers.  
Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.  
Methods for cleaning up : Wash down leftovers with plenty of water.

### 6.4. Reference to other sections

See also sections (8, 13).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Observe normal hygiene standards. Avoid contact with skin and eyes.  
Handling temperature : 5 - 35 °C  
Hygiene measures : Do not eat, drink or smoke when using this product.

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

Storage conditions : Store in original container. Keep container tightly closed. Store in a dry place.  
Storage temperature : 5 - 40 °C  
Storage area : Keep out of direct sunlight. Protect against frost.

### 7.3. Specific end use(s)

Waterbased hardener.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment:

Gloves.

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### Hand protection:

Wear rubber gloves or PVC gloves

### Skin and body protection:

Standard working clothes

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: White. Off-white. Yellow ocre. Grey. Red. Black. Green. blue. brown.
Odour	: Characteristic odour.
Odour threshold	: No data available
pH	: 3.5 - 4.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.1 kg/lit
Solubility	: Water: completely soluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 2500 - 5000 mPa-s (20°C Spindle 6 10 rpm)
Explosive properties	: Not applicable.
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Upon combustion CO and CO<sub>2</sub> are formed.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

To avoid strong acids and materials that react with water.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified

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Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 3.5 - 4.5
Serious eye damage/irritation	: Not classified pH: 3.5 - 4.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Prevent soil and water pollution.
Ecology - water	: Miscible with water.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

#### 12.2. Persistence and degradability

<b>POWERTEX HARDENER</b>	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

<b>POWERTEX HARDENER</b>	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

<b>POWERTEX HARDENER</b>	
Ecology - soil	Biodegradability in soil: no data available.

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Remove to an authorized waste treatment plant. Disposal must be done according to official regulations.
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### SECTION 14: Transport information

In accordance with ADR

#### 14.1. UN number

UN-No. (ADR)	: Not regulated
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#### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not regulated
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#### 14.3. Transport hazard class(es)

<b>ADR</b>	
Transport hazard class(es) (ADR)	: Not regulated

#### 14.4. Packing group

Packing group (ADR)	: Not regulated
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#### 14.5. Environmental hazards

Dangerous for the environment	: No
Other information	: No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

Not regulated

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

##### 15.1.2. National regulations

This product is according to EEC directive 1999/45, 67/548 and following adjustments not classified as hazardous.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Data sources : The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty.

#### SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*