



# POWERTEX POWERPRINT

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 27/02/2012

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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 POWERPRINT  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

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

##### 1.2.2. Uses advised against

No additional information available

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

Powertex International  
Strombeeksesteenweg 205  
1800 KONINGSLO-VILVOORDE - BELGIË  
T +3223106090 - F +3223106699

#### 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]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH phrases : EUH208 - Contains 5-chloor-1-methyl-2H-isothiazool-3-on [Ec 247-500-7] 2-methyl-2H-isothiazool-3-on [Ec 220-239-6] (3:1). May produce an allergic reaction

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics	(CAS No) 64742-48-9 (EC no) 927-241-2 (REACH-no) 01-2119471843-32	<= 3	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Acticide		<= 0,09	Met. Corr. 1, H290 Skin Corr. 1B, H314 Skin Sens. 1, H317
Waterbased dispersion of high-end monomers and polymers		<= 95	Not classified

Full text of R- and H-phrases: see section 16

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### 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 ophtalmologist if irritation persists.
First-aid measures after ingestion	: (If swallowed, rinse mouth, noose and throat with water (only if the person is conscious)). Drink plenty of water. When there is no quick recovery : consult a doctor/medical service.

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

Symptoms/injuries after skin contact	: Irritating in extreme situations.
Symptoms/injuries after eye contact	: Irritating in extreme situations.
Symptoms/injuries 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	: carbon dioxide (CO <sub>2</sub> ), dry chemical powder, foam, hazy water,sand/earth. Do not use a heavy water stream.
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#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product itself does not burn. In dry state: combustible.
Reactivity in case of fire	: Upon combustion CO and CO <sub>2</sub> are formed.

#### 5.3. Advice for firefighters

Precautionary measures fire	: Stop leak if safe to do so.
Firefighting instructions	: Fight fire with normal precautions from a reasonable distance. Prevent fire-fighting water from entering 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.
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##### 6.1.1. For non-emergency personnel

Emergency procedures	: Do not get in eyes, on skin, or on clothing.
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##### 6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing and gloves.
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#### 6.2. Environmental precautions

Prevent entry of product in public water, sewers or soil.

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

For containment	: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Collect spillage. Contain released substance, pump into suitable containers.
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#### 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	: Do not get in eyes, on skin, or on clothing. Ensure good ventilation of the work station. Observe normal hygiene standards.
Handling temperature	: 5 - 40

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

Storage conditions	: Store in original container. Store in a closed container.
Storage temperature	: 5 - 35 °C
Storage area	: Keep out of direct sunlight. Protect against frost.

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### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)		
Belgium	Limit value (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup> ExxonMobil
Belgium	Limit value (ppm)	226 ppm ExxonMobil
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	1500 mg/m <sup>3</sup> RCP=Reciprocal calculation procedure
Germany	TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> )	3000 mg/m <sup>3</sup> RCP=Reciprocal calculation procedure

### 8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation.  
Personal protective equipment : Gloves.  
Hand protection : Wear rubber gloves or PVC gloves  
Skin and body protection : Standard working clothes



Other information : Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : White or off-white.  
Odour : characteristic odour.  
Flash point : > 100 °C  
Auto-ignition temperature : Not applicable  
Solubility : Water: completely soluble  
Explosive properties : Not applicable.  
Oxidising properties : Not applicable.

### 9.2. Other information

VOC content : <= 3 %

## 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 : Not classified

Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)	
LD50 oral rat	> 5000 mg/m <sup>3</sup>
LD50 dermal rabbit	> 5000 mg/kg

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### Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)

LC50 inhalation rat (mg/l)	> 4951 mg/m <sup>3</sup> 4h
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Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Prevent soil and water pollution. Avoid undiluted product to come into sewer or superficial water.

Ecology - water : Miscible with water. Small amounts can give a characteristic whit colour to wate.

#### Acticide

LC50 fishes 1	10 - 100 mg/l Oncorhynchus mykiss
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LC50 other aquatic organisms 1	1 - 10 mg/l Pseudokirchneriella subcapitata
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EC50 Daphnia 1	10 - 100 mg/l Daphnia magna
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### Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)

LOEC (chronic)	0,32 mg/l Daphnia Magna 21d
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NOEC (chronic)	0,17 mg/l Daphnia Magna 21d
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### 12.2. Persistence and degradability

#### Acticide

Persistence and degradability	Readily biodegradable.
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### Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)

Persistence and degradability	Readily biodegradable.
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### 12.3. Bioaccumulative potential

#### Acticide

Log Kow	-0,71 - 0,75 CIT/MIT
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Bioaccumulative potential	No significant bioaccumulation.
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### Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)

Bioaccumulative potential	Not established.
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### 12.4. Mobility in soil

### Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)

Ecology - soil	Floats on water, evaporates quickly, danger of pollution of drinking water when large quantities of the product enters the soil.
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### 12.5. Results of PBT and vPvB assessment

#### Component

Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Wastes, including emptied containers, should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Remove to an authorized waste treatment plant.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

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

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Transport regulations (ADR) : Not subject

#### 14.6.2. Transport by sea

Transport regulations (IMDG) : Not subject

#### 14.6.3. Air transport

Transport regulations (IATA) : Not subject

#### 14.6.4. Inland waterway transport

Transport regulations (ADN) : Not subject  
Not subject to ADN : No

#### 14.6.5. Rail transport

Transport regulations (RID) : Not subject  
Carriage prohibited (RID) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

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3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics

POWERTEX POWERPRINT is not on the REACH Candidate List

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : <= 3 %

### 15.1.2. National regulations

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

### Germany

Water hazard class (WGK) : nwg - Non-hazardous to water

### 15.2. Chemical safety assessment

**For the following substances of this mixture a chemical safety assessment has been carried out**

Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics

## 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.

Full text of R-, H- and EUH-phrases:

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour
H290	May be corrosive to metals
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H336	May cause drowsiness or dizziness
H412	Harmful to aquatic life with long lasting effects
R34	Causes burns
R43	May cause sensitisation by skin contact
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
C	Corrosive
N	Dangerous for the environment

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*