



POWERTEX EASY VARNISH

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 27/02/2012

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Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Trade name : POWERTEX EASY VARNISH
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 Directive 67/548/EEC
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	N; Xn; R10-65-67-52/53-66
Acticide		<= 0,09	C; R34 R43 R52/53

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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

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

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.
First-aid measures after ingestion	: (If swallowed, rinse mouth, nose 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 ₂), 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 ₂ 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).

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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.

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 ³)	1200 mg/m ³ ExxonMobil
Belgium	Limit value (ppm)	226 ppm ExxonMobil
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	1500 mg/m ³ RCP=Reciprocal calculation procedure
Germany	TRGS 900 Limitation of exposure peaks (mg/m ³)	3000 mg/m ³ 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 CO₂ 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.

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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 ³
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 4951 mg/m ³ 4h

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
LC50 other aquatic organisms 1	1 - 10 mg/l Pseudokirchneriella subcapitata
EC50 Daphnia 1	10 - 100 mg/l Daphnia magna

Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)	
LOEC (chronic)	0,32 mg/l Daphnia Magna 21d
NOEC (chronic)	0,17 mg/l Daphnia Magna 21d

12.2. Persistence and degradability

Acticide	
Persistence and degradability	Readily biodegradable.

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

12.3. Bioaccumulative potential

Acticide	
Log Kow	-0,71 - 0,75 CIT/MIT
Bioaccumulative potential	No significant bioaccumulation.

Aliphatic hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclic <2% aromatics (64742-48-9)	
Bioaccumulative potential	Not established.

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.

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

12.6. Other adverse effects

No additional information available

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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

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

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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:

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 EASY VARNISH 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)

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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