

## Glitsa Vloerpolish

Date 2015-02-27

Version 2

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

<b>1.1 Product identifier</b>	Glitsa Vloerpolish
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Floor Polish.
<b>1.3 Details of the supplier of the safety data sheet Address</b>	Akzo Nobel Decorative Coatings BV Glitsa Rijksstraatweg 31, 2171AJ, Sassenheim The Netherlands
<b>Telephone/ Telefax</b>	Tel +31(0)71-3086944/ Fax +31(0)71-3082002
<b>Homepage/E-mail</b>	HSE_NL@akzonobel.com
<b>1.4 Emergency telephone number</b>	112, +46 (0)8-331231 Swedish poison information

**SECTION 2: Hazards identification****2.1 Classification:**

Classification (1999/45/EC)

This product is not classified as flammable, harmful or dangerous for the environment.

Classification CLP (1272/2008/EC)

This product is not classified as flammable, harmful or dangerous for the environment.

**2.2 Label elements:****Pictogram**

None

**Containing substances**

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**Hazard statement Code(s)**

None

**Precautionary statements**

None

**2.3 Other hazards**

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

**SECTION 3: Composition/information on ingredients****3.2 Chemical composition: Mixture**

Components	CAS-No EC-No Reg-No	Conc. %	Symbol R-phrases*	Hazard Class and Category Code(s)	Hazard statement Code(s)*
2-(2-ethoxyethoxy)ethanol	111-90-0 203-919-7 -	1-5	-	-	-
1-methoxy-2-propanol	107-98-2 203-569-1	<0,1	R10, R67	Flam llq.3 STOT SE 3	H226 H336

\* The full text of Risk phrases and Hazard statement Codes are listed under heading 16.

The classification is based on information from the chemical supplier and <http://echa.europa.eu/> (Databases)**Composition Comments**

Ingredients not listed are classified as non hazardous or at a concentration below reportable levels.

**Description of symbols abbreviations**

T= Toxic; T+= Very toxic; C= Corrosive; Xn= Harmful; Xi= Irritant; O= Oxidizing; E= Explosive; F= Highly flammable; F+= Extremely flammable; N= Dangerous to the environment

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

##### General information

In all cases of doubt, or when symptoms persist, seek medical advice.

##### Inhalation

Fresh air.

##### Skin contact

Wash with soap and water and rinse the skin thoroughly.

##### Eye contact

Rinse immediately with tempered water for several minutes. Remove potential contact lenses. Hold eyelids apart.

Contact a doctor if the complaints persist.

##### Ingestion

Rinse mouth with water and drink several glasses of water. Contact a doctor if the complaints persist.

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

**Inhalation:** Low risk of harmful effects.

**Skin contact:** May cause slight irritation to skin. (Redness, pain)

**Eye contact:** May be irritating to eyes. (Burning, redness)

**Ingestion:** Ingestion may cause discomfort as stomach pain, nausea and vomiting.

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

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Water spray, fog or mist, foam, powder, carbon dioxide.

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

Do not breathe fumes. During fire, gases hazardous to health may be formed.

#### 5.3 Special protective equipment

Appropriate breathing apparatus may be required.

#### Additional information

Cool endangered containers with water in case of fire.

### SECTION 6: Accidental release measures

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

Use protective gloves.

#### 6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

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

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material.

Absorb in vermiculite, dry sand or earth. Flush with water.

#### 6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

For disposal of spillage, see section 13.

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Regulation (EC) No. 1907/2006 and (EG) 453/2010

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Read instructions before use.

Handle in accordance with good industrial hygiene and safety practice.

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

Store in tightly closed container.

Store at a temperature above 0°C.

#### 7.3 Specific end use(s)

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters:

##### Appropriate engineering controls

Provide adequate ventilation.

##### Exposure limits:

##### Swedish limit values or limit values according to the European commission

Substance	CAS-No	Level limit value	Ceiling limit value	Short time value	Note
2-(2-ethoxyethoxy)ethanol	111-90-0	15 ppm 80 mg/m <sup>3</sup>	-	30 ppm 170 mg/m <sup>3</sup>	H
1-methoxy-2-propanol	107-98-2	50 ppm 190 mg/m <sup>3</sup>	-	75 ppm 300 mg/m <sup>3</sup>	H

##### Explanation note:

H = Substance can easily be absorbed through the skin.

#### DNEL

2-(2-ethoxyethoxy)ethanol (111-90-0)	Long term exposure - Workers Systematic effects, dermal: 25 mg/kg bw/day Long term exposure - Workers Local effects, inhalation: 9 mg/m <sup>3</sup> Long term exposure - Workers Systematic effects, inhalation: 18,3 mg/m <sup>3</sup> Long term exposure - Workers Systematic effects, oral: 25 mg/kg bw/day Long term exposure -Consumers Local effects, inhalation: 18 mg/m <sup>3</sup> Long term exposure - Consumers Systematic effects, inhalation: 37 mg/m <sup>3</sup> Long term exposure -Consumers Systematic effects, dermal: 50 mg/kg bw/day
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#### PNEC

2-(2-ethoxyethoxy)ethanol (111-90-0)	500 mg/l	Sewage Treatment Plant
2-(2-ethoxyethoxy)ethanol (111-90-0)	0,74 mg/l	Freshwater
2-(2-ethoxyethoxy)ethanol (111-90-0)	0,074 mg/l	Seawater
2-(2-ethoxyethoxy)ethanol (111-90-0)	2,74 mg/kg	Wet sediment (Freshwater)
2-(2-ethoxyethoxy)ethanol (111-90-0)	0,274 mg/kg	Wet sediment (Seawater)
2-(2-ethoxyethoxy)ethanol (111-90-0)	0,15 mg/kg	Soil

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### SECTION 8: Exposure controls/personal protection (...)

#### 8.2 Exposure controls:

##### General protective and hygiene measures

Wash hands before breaks and after work.

Handle in accordance with good industrial hygiene and safety practice.

##### Individual protection measures, such as personal protective equipment:

Always consult a competent person/supplier when selecting personal protective equipment.

##### Respiratory protection

Normally not needed.

##### Eye protection

Normally not needed.

##### Hand protection

For prolonged and frequent contact with the product use chemical-resistant protective gloves. (eg Nitrile rubber, PVC)

##### Clothing requirements:

Normally not needed.

### SECTION 9: Physical and chemical properties

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

<b>Form:</b>	Viscous liquid
<b>Colour:</b>	Slightly white
<b>Odour:</b>	Characteristic
<b>Odor threshold:</b>	Not available
<b>pH-value:</b>	8.5
<b>Melting point/ Freezing point (° C):</b>	Not available
<b>Boiling point/range: (° C):</b>	Not available
<b>Flash point (° C):</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper / lower flammability limits or explosive limits (VOL-%):</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour density (air=1):</b>	Not available
<b>Density:</b>	1.0 kg/l
<b>Solubility in water:</b>	Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature (C):</b>	Not available
<b>Decomposition temperature (° C):</b>	Not available
<b>Viscosity (20° C):</b>	Not available
<b>Explosive properties:</b>	Not available
<b>Oxidising properties:</b>	Not available

#### 9.2 Other information:

VOC 30.0 g/l

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under recommended storage and handling conditions.

#### 10.2 Chemical stability

Stable under recommended storage and handling conditions.

#### 10.3 Possibility of hazardous reactions

No known.

#### 10.4 Conditions to avoid

No known.

#### 10.5 Incompatible materials

No known.

#### 10.6 Hazardous decomposition products

No hazardous decompositions products known under recommended handling conditions.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

See also section 4. (Most important symptoms and effects, both acute and delayed)

##### Inhalation

Low risk of harmful effects.

##### Skin contact

May cause slight skin irritation.

##### Eye contact

May be irritating to eyes.

##### Ingestion

Ingestion may cause discomfort.

##### Toxicology data

Toxicology data about this preparation is not available.

#### Toxicology data for the containing components:

<b>2-(2-ethoxyethoxy)ethanol (111-90-0)</b>	LD <sub>50</sub> Oral mouse > 6000 mg/kg
	LD <sub>50</sub> Dermal rabbit: >2000 mg/kg
	LC <sub>50</sub> Inhaled mouse 8h: 0,025 mg/l (vapours)

#### STOT-single exposure -repeated exposure.

May cause liver and / or kidney damage if swallowed in large amounts

#### Routes of exposure

Eyes and skin, ingestion and inhalation.

#### Irritant and corrosive effects

Not classified as corrosive or irritant.

#### Allergenic potential

This product is not classified as allergenic by inhalation or skin contact.

#### Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

#### Other information

None.

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**SECTION 12: Ecological information**

This product is not classified as dangerous for the environment.

Do not flush into surface water or sanitary sewer system.

**12.1 Toxicity**

Toxicology data about this preparation is not available.

**Toxicology data for the containing components:**

<b>2-(2-ethoxyethoxy)ethanol (111-90-0)</b>	LC <sub>50</sub> Fish 96h: > 100 mg/l Sp: Ictalurus punctatus EC <sub>50</sub> Daphnia 48h >1980 mg/l Sp: Daphnia magna EC <sub>50</sub> Algae 48h: >100 mg/l Sp: Desmodesmus subspicatus EC <sub>10</sub> Bacteria 16h: 4000mg/l
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**12.2 Persistence and degradability**

2-(2-ethoxyethoxy)ethanol (111-90-0) - Rapidly biodegradable.

**12.3 Bioaccumulative potential**

BCF<100 , Log Pow <3 Does not bioaccumulate. - 2-(2-ethoxyethoxy)ethanol (111-90-0)

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

**12.6 Other adverse effects**

No known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****The product**

This product or residues of this product are not classified as hazardous waste.

Dispose of in accordance with local authority requirements.

**Suggested EWC-code:** 20 01 30 detergents other than those mentioned in 20 01 29.

**Disposal of Packaging**

Well cleaned packaging could be left for recycling

**SECTION 14: Transport information**

The product are not classified as dangerous goods according to ADR/RID, IMDG, DGR.

**14.1 UN number**

-

**14.2 UN proper shipping name (IMDG, IATA/ICAO):**

-

**14.3 Transport hazard class(es)**

-

**14.4 Packing group**

-

**14.5 Environmental hazards**

Marine pollutant: No

**14.6 Special precautions for user**

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**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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### SECTION 15: Regulatory information

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

Classification according to CLP (1272/2008/EC).

#### 15.2 Chemical safety assessment

None.

### SECTION 16: Other information

#### The full text of Risk phrases and Hazard statement Codes listed under section 3:

R10 Flammable.

R67 Vapours may cause drowsiness and dizziness.

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

#### Version 2: 2015-02-27

Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 453/2010.

#### Previous versions

Version 1: 2013-07-31

#### Sources

Safety data sheet provided by the manufacturer. CLP-regulation, [www.kemi.se](http://www.kemi.se), [www.echa.europa.eu](http://www.echa.europa.eu) (Databases)

#### Abbreviations explanations

ADR: :International Carriage of Dangerous Goods by Road

BCF: Bio Concentration Factor

CAS-nr: Chemical Abstracts Service number

DNEL: Derived No Effect Level

EC<sub>50</sub>: Effect Concentration

EG-nr: A substance number i Einecs, Elincs or in No-Longer Polymers List.

IMDG: International Maritime Dangerous Goods Code.

LC<sub>50</sub>: Lethal Concentration

LD<sub>50</sub>: Lethal Dose

IC<sub>50</sub>: Median Inhibition Concentration

NOEC: No Observed Effect Concentration

PBT-substance: Persistent, Bio accumulative and Toxic substances.

PNEC: Predicted No Effect Concentration

vPvB-substance: Very persistent and Very Bio accumulative substances.