

# SAFETY DATA SHEET

SOFTCARE AINTWOOD PROTECTOR

According to Regulation (EC) N° 1907/2006 modified by regulation (EU) N° 453/2010

Revision Date: February 25, 2017

Version: 2.0 / EN

Print Date: February 26, 2017

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier:

#### 1.1.2 Trade name / designations

SOFTCARE AINTWOOD PROTECTOR

#### 1.1.3 Other means of identification:

GTIN (EAN) 6416977713098

SOFTCARE MUOVIPUUN SUOJA

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

#### 1.2.1 Relevant identified uses

Water based protector for faux-wood surfaces, ready to use.

Standard industrial classification (SIC): G Retail Trade

Use categories (UC62): 31 Impregnating agents

#### 1.2.2. Uses advised against:

Do not inhale spray or aerosolized product. Use only as directed on the label.

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor):

Oy Soft Protector Ltd

PO Box 100

02761 Espoo

FINLAND

#### E-Mail (competent person):

qc@softcare.fi

#### Information contact:

Telephone +358 9 887 0430

Fax +358 9 853 7302

#### National contact:

Oy Soft Protector Ltd

PO Box 100

02761 Espoo

FINLAND

### 1.4 EMERGENCY TELEPHONE NUMBER:

**FINLAND:** Myrkytystietokeskus / Giftinformationscentralen / Poison Information Centre

Telephone +358 9 471 977 Poison information (24 h)

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## 2. HAZARD CLASSIFICATION

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

Self classification based on the Dilution principle per Regulation (EC) No. 1272/2008 - Annex I - Section 1.1.3.1.

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard Classes and Hazard Categories	Hazard Statements	Classification Procedure
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Not classified as dangerous according to Regulation (EC) N° 1272/2008.

#### 2.1.2 Classification according to 67/548/EEC or 1999/45/EC

*(Not relevant. This product has first been launched after transition time – after June 1st 2015)*

#### 2.1.3 Additional information:

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

## 2.2. Label elements

### 2.2.1 Labeling according to Regulation (EC) No 1272/2008

#### Hazard components for labeling:

Not applicable.

#### Hazard pictograms

Not applicable.

#### Signal word:

Not applicable.

#### Hazard statements:

Not applicable.

#### Precautionary statements:

*(Suggested:*

*P102 Keep out of reach of children.)*

## 2.3 Other hazards

Avoid breathing/inhaling spray/vapour/mist. Ensure adequate ventilation during application.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### 3.2.1 Description of the mixture

Water-based emulsion containing partially fluorinated polymers.

#### 3.2.2 Hazardous Ingredients

This mixture contains the substances listed below, which are defined as dangerous substances or hazardous chemicals as defined in Regulation (EC) No. 1272/2008 and present in the mixture at concentration over the generic cut-off values as defined in Regulation (EC) No. 453/2010 Annex II 3.2.1.

CAS No.	EC No.	EC Index No	REACH No.	%	Name	Classification according to Regulation (EC) No 1272/2008
No substances present in the mixture at concentration over the generic cut-off values as defined in Regulation (EC) No. 453/2010 Annex II 3.2.1. The substances present in the mixture do not have national occupational exposure limits (HTP 2014).						

Note: Classification refers to classifications of substances at 100 % and are used as basis for classifying this mixture.

### 3.3 Additional Information

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

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### 4.1.1 General informations:

Consult a physician or poison control centre. Show this safety data sheet or the product packaging to the doctor in attendance.

#### 4.1.1 Following inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. **It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.** If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if irritation persist or systemic effects occur - if necessary, call a poison center or physician immediately.

#### 4.1.4 Following skin contact:

Flush contaminated skin with plenty of water and soap, if possible. Remove contaminated clothing and shoes. Get medical attention if symptoms such as irritation occurs or persists. Professionally wash clothing before reuse. Clean shoes thoroughly before reuse.

#### 4.1.2 Following eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### 4.1.5 Following ingestion:

Rinse mouth with water. Give a glass of water to drink to dilute the material, if safe to do so. Never give anything by mouth to an unconscious person. DO NOT induce vomiting unless directed to do so by medical personnel.

Call a physician or poison control centre immediately and show this safety data sheet or the product packaging to the doctor in attendance.

#### 4.1.6 Self-protection of the first aider:

No action shall be taken involving any personal risk. Always ensure adequate self-protection.

#### 4.1.7 Notes for the doctor:

Treat symptomatically.

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

May cause irritation to eyes, nose, and respiratory tract. May be harmful if spray is inhaled. Ingestion may cause i.e. nausea, vomiting and/or gastrointestinal effects.

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

Treat supportively and symptomatically. Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

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## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media:

**Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media:**

Do not use a direct water jet on the product.

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

**Hazardous combustion products:**

As a result of combustion or thermal decomposition reactive sub-products may be created (CO<sub>2</sub>, CO, NO<sub>x</sub>, HF, ...) that can become highly toxic and, consequently, can present a serious health risk. In a fire, a pressure increase may occur and the container may burst.

The mixture itself is not flammable.

### 5.3 Advice for fire-fighters

Wear positive-pressure self-contained breathing apparatus (SCBA) with full-face mask and full protective clothing.

### 5.4 Additional information:

The mixture itself is not flammable under recommended storage conditions.

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## 6. ACCIDENTAL RELEASE MEASURES

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

#### 6.1.1 For non-emergency personnel

Avoid skin contact or inhalation of vapors. Ensure adequate ventilation of the workplace. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapor, spray, fog or mist. Take precautionary measures against static discharge. Provide adequate ventilation. Wear appropriate respirator. Put on appropriate protective equipment.

#### 6.1.2 For emergency responders

##### Personal protective equipment:

Wear positive-pressure self-contained breathing apparatus (SCBA) with full-face mask and full protective clothing. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator. Put on appropriate protective equipment.

### 6.2 Environmental precautions:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (i.e. sewers, waterways, soil or air).

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

#### 6.3.1 For containment:

Stop leak if without risk with a dike, dam and/or barriers. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth. Pick up and transfer to properly labeled chemical waste container for disposal according to local and federal regulations. Contaminated absorbent material may pose the same hazard as the spilt product. Dispose of via a licensed waste disposal contractor.

#### 6.3.2 For cleaning up:

**Small spills:** Absorb into inert absorbent material such as earth, sand, silica gel or other inert material and transfer into properly labeled suitable chemical waste containers for disposal. Ventilate and wash contaminated area thoroughly. First rinsing water to be disposed according to local regulations.

**Large spills:** Dike or dam to contain for later disposal. Pick up and transfer to properly labeled plastic chemical waste containers. Ventilate and wash contaminated area thoroughly. First rinsing water to be disposed according to local regulations. Contact emergency authorities.

Always dispose of in a site approved and authorized for the treatment of chemical waste for disposal.

#### 6.3.3 Other information:

Absorbent material used may contain similar dangers than the spills or leaks of the product itself.

### 6.4 Reference to other sections

For exposure control and personal protection measures, see section 8.

For considerations of waste disposal, see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### 7.1.1 Protective measures:

Do not breathe vapor, fog, spray or mist of this mixture. Handling this product must comply with proper care and caution, like handling of all domestic chemical products. Do not ingest. Avoid contact with eyes and skin. Keep in the original container. Keep tightly closed when not in use. Empty containers retain product residue and can contain characteristic hazardous waste. Dispose according to local, state and Federal regulations. Do not reuse containers.

#### Fire preventions:

The mixture itself is generally not flammable under recommended storage conditions.

#### Aerosol and dust generation preventions:

Avoid breathing vapor, spray, fog or mist. Use only with adequate ventilation. Wear appropriate respirator.

#### Environmental precautions:

Avoid direct discharge to sewer, surface water and groundwater, do not allow to penetrate into the soil.

#### 7.1.2 Advice on general occupational hygiene

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

#### Technical measures and storage conditions:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Store locked up. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

#### Packaging materials:

Store in original containers.

### 7.3 Specific end uses:

Not applicable.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits (OEL; HTP 2014 Values)

The substances present in the mixture do not have national occupational exposure limits.

#### 8.1.3 Exposure limits at intended use:

Refer to section 8.1.1. for OEL's per concentrations of impurities in workplace air known to be hazardous (HTP values) as published by the Ministry of Social Affairs and Health, Finland.

Avoid discharging large amounts directly to sewer, surface water and groundwater, do not allow to penetrate into the soil.

#### 8.1.4 DNEL/PEC-values

##### DNEL values (DNEL - "Derived No-Effect Level")

No information available on this mixture.

#### 8.1.5 Risk management measures according to used control banding approach

No information available on this mixture.

### 8.2 Exposure Controls

#### 8.2.1 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practices. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### 8.2.2 Personal protection equipment:

**8.2.2.1 Eye / Face protection:** Avoid contact with eyes. Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU) should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

**8.2.2.2 Skin protection:** Avoid contact with skin. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Hand protection:** Avoid contact with skin. If risk assessment this is necessary, chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### 8.2.2.3 Respiratory protection:

Breathing vapour, spray or mist of the product must be avoided. Ensure adequate ventilation. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard. Respirator

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selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## **8.2.2.4 Thermal hazards:**

Thermal breakdown might lead to formation of irritating vapors and/or fumes.

## **8.3. Environmental exposure controls:**

### **Measures related to consumer uses of the substance (as such or in mixtures):**

Avoid discharging large amounts directly to sewer, surface water and groundwater, do not allow to penetrate into the soil.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Important health, safety and environmental information

#### 9.1.1 Appearance

**Physical state:** Liquid

**Colour:** Hazy to milky, white - blue

**Odour:** Mild characteristic

#### 9.2.2 Safety relevant basic data

Parameter	Value	Remark
pH	3 - 5	Mixture
Melting point/range (°C)	~ 0 °C	Mixture
Initial boiling point/range (°C)	~ 100 °C	Mixture
Flash point (°C)	This mixture is not flammable	Mixture
Vapour pressure (kPa)	4.0 kPa (20 °C)	Mixture
Vapour density (air=1)	No data available on this mixture	Mixture
Density (g/cm <sup>3</sup> )	~ 1 g/cm <sup>3</sup>	Mixture
Water solubility	Soluble in water	Mixture
Partition coefficient n-Octanol/Water (log Po/w)	No data available on this mixture	Mixture
Viscosity, dynamic (mPa·s)	≤ 100 mPa·s	Mixture

### 9.2 Physical hazards:

**Explosives:** Not applicable

**Flammable gases:** Not applicable

**Flammable aerosols:** Not applicable

**Oxidizing gases:** Not applicable

**Gases under pressure:** Not applicable

**Flammable liquids:** Not applicable

**Flammable solids:** Not applicable

**Self-reactive substances and mixtures:** Not applicable

**Pyrophoric liquids Pyrophoric solids:** Not applicable

**Self-heating substances and mixtures:** Not applicable

**Substances or mixtures which, in contact with water emit flammable gases:** Not applicable

**Oxidizing liquids:** Not applicable

**Oxidizing solids:** Not applicable

**Organic peroxides:** Not applicable

**Metal corrosion:** Not applicable

### 9.3 Other safety information

**Properties of explosive atmospheres (mixtures):**

Not applicable

**Physical-chemical properties of nanoparticles:**

Not applicable

**Limiting oxygen concentration**

No data available on this mixture

**Bulk density**

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Approx. 1 g/cm<sup>3</sup>

## **Solubility in different media**

Partially soluble in water.

## **Stability in organic solvents and identity of relevant degradation products**

No data available on this mixture

## **Evaporation rate**

No data available on this mixture

## **Conductivity**

No data available on this mixture

## **Surface tension**

No data available on this mixture

## **Dissociation constant in water (pKa)**

No data available on this mixture

## **Oxidation-reduction Potential**

No data available on this mixture

## **Fat solubility (solvent – oil to be specified)**

No data available on this mixture

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkalis, explosives or oxidizing materials.

### 10.2 Chemical stability

Stable under normal ambient conditions between 6 °C and 40 °C.

### 10.3 Possibility of hazardous reactions

Under recommended conditions of storage and use, hazardous reactions are not known to occur.

Thermal breakdown might lead to formation of irritating vapors and/or fumes.

### 10.4 Conditions to avoid

High temperatures. Freezing temperatures. Exposure to direct sunlight.

### 10.5 Incompatible materials:

Reactive or incompatible with the following materials: oxidizing materials, peroxides (i.e. Sodium Hypochlorite and/or any Perchlorates). Explosives. Strong acids. Strong alkalis. Ammonia.

### 10.6 Hazardous decomposition products:

No dangerous decomposition products known to date in the recommended storage conditions.

Thermal breakdown might lead to formation of irritating vapors and/or fumes.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Toxicokinetics, metabolism and distribution

May cause severe damage and/or irritation to eyes, skin, nose, and respiratory tract. May be harmful, irritating or toxic if inhaled. Ingestion may cause nausea, vomiting, upset stomach, gastrointestinal and/or toxicological effects. Prolonged or repeated contact may dry lead to irritation (i.e. dermatitis) or sensitization. May be harmful if absorbed through the skin. Exposure to this product with the use of proper personal protective equipment (PPE) is not expected to contribute, worsen or aggravate any pre-existing medical condition.

### 11.2 Information on toxicological effects

#### 11.2.1 Substances

##### Acute toxicity

	Effect Dose	Method	Remark
Acute oral toxicity	ATE <sub>mix</sub> > 2000 mg/kg	"ATE" Calculation	Mixture

##### Skin corrosion/irritation:

Mixture: Not classified according to the CLP Classification.

##### Serious eye damage/irritation:

Mixture: May cause transient eye irritation upon direct contact with eyes. Not classified in regards towards eye effects according to the CLP classification principles.

##### Inhalation:

Mixture: Breathing spray or mist may be harmful. Not classified in regards towards eye effects according to the CLP classification principles.

##### Skin sensitization:

Mixture: Not classified in regards towards eye effects according to the CLP classification principles.

##### CMR effects (Carcinogenicity, Mutagenicity and Toxicity for Reproduction)

**Carcinogenicity:** Substances contained in this product has not been identified to belong to any group by IARC.

**in-vitro Mutagenicity:** Not available.

**Reproductive Toxicity:** Not available.

**Summarized evaluation of the CMR properties:** Not available.

##### Specific target organ toxicity (STOT) – single exposure

Specific Target Organs (STO) are not known for this mixture by the date.

#### 11.4 Other information

This products should never be ingested. Keep away from food and drink.

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## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

No data available for this mixture.

### **12.2 Persistence and degradability**

No data available for this mixture.

### **12.3 Bioaccumulative potential**

No data available for this mixture.

### **12.4 Mobility in soil**

Generally with waters.

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

No data available for this mixture

### **12.6 Other adverse effects:**

No data available for this mixture

### **12.7 Additional information:**

No data available for this mixture

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## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

#### **13.1.1 Product / Packaging disposal:**

The generation of waste should be avoided or minimized wherever possible. Any quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable and authorized waste treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

#### **13.1.2 Waste treatment options:**

Must be incinerated at an approved center while complying with local regulations. Avoid disposal through the sewer and the dispersion in the environment.

#### **13.1.2 Other disposal recommendations:**

Empty containers should be taken to a site approved for the treatment of waste for recycling or disposal.

### **13.2 Additional information:**

Not applicable.

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## **14. TRANSPORT INFORMATION**

### **14.1 Land transport (ADR/RID):**

Not classified as dangerous goods according to ADR/RID.

### **14.2 Sea transport (IMDG-Code):**

Not classified as dangerous goods according to IMDG-Code.

### **14.3 Air transport (ICAO-IATA/DGR):**

Not classified as dangerous goods according to ICAO-IATA/DGR.

### **14.4 Special precautions for user:**

Not applicable.

### **14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

Not applicable.

### **14.5 Additional information**

Consumer commodity.

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## **15. REGULATORY INFORMATION**

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

#### **15.1.1 EU regulations**

European Regulations (EC) N° 1907/2006, (EC) N° 1272/2008, (EC) N° 453/2010, (EC) N° 2015/830.

#### **15.2 Chemical Safety Assessment:**

Chemical safety assessment (CSA) has not been carried out for this mixture.

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## 16. OTHER INFORMATION

### 16.1 Indication of changes

February 25, 2017 Initial release. For further updates lines within the margin indicate significant changes from the previous revision.

### 16.2 Abbreviations and acronyms:

ADR	International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DNEL	Derived No Effect Level
EC	European Community
EC <sub>50</sub>	Effective Concentration, 50%
EEC	European Economic Community
ICAO/IATA	International Civil Aviation Organization/International Air Transport Association
LC <sub>50</sub>	Lethal Concentration, 50%
LD <sub>50</sub>	Lethal Dose, 50%
IMDG	International Maritime Dangerous Goods
MSDS	Material Safety Data Sheet
PBT	Persistent, Bioaccumulative and Toxic substance
PEL	Permissible Exposure Level
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STEL	Short-Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value

### 16.3 Key literature references and sources for data

ECHA REACH Dataset, European Chemicals Agency, Finland  
Existing Safety Data Sheet, Oy Soft Protector Ltd, Finland  
Upstream Suppliers' Material Data Sheets' (MSDS), Unpublished  
HTP-Arvot 2014, Occupational Safety and Health Administration, Finland  
TOKEVA 2012, The Emergency Services College, Finland

### 16.4 Classification for mixtures and used evaluation method

Calculation method of the mixture based on the classification of component(s) in the mixture.

### 16.5 Relevant R-, H- and EUH-phrases (number and full text):

P102 Keep out of reach of children.

### 16.6 Training advice:

The Safety Data Sheet is intended to provide information for a health and safety assessment of the material during transport, storage, or applied in the workplace. Attention to users is drawn to hazards resulting from improper use of the product.

### 16.7 Further information:

Although all the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct on the revision date hereof, Oy Soft Protector Ltd or any of its subsidiaries makes no representations as to the completeness or accuracy thereof.

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