



1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

ESD-FLOOR-POLISH

Part-No.: 2900.581.1

UFI: 2830-K05M-V00G-RSHN

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

Use of the substance/mixture

Dissipative floor wax for normal PVC, linoleum and parquet floors.

Unassisted application: Private application – no public product.

Uses advised against

This information is not available.

1.3. Details of the supplier of the safety data sheet

Company name: Wolfgang Warmbier GmbH & Co. KG Systeme gegen Elektrostatik

Street: Untere Gießwiesen 21

Place: 78247 Hilzingen

Country: Germany

Telephone: +49 (0)7731-8688-30

Telefax: +49 (0)7731-8688-30

E-Mail: info@warmbier.com

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Telephone: +49 (0)7731-8688-11

E-Mail: juergen.speicher@warmbier.com

Internet: www.warmbier.com

1.4. Telephone / emergency telephone number

Telephone: +49 (0)7731- 8688-11 (only to the office hours Monday - Friday 8.00 am - 4.00 pm manned)

Emergency telephone: +49 (0)6131-19240 (University medical center Mainz in Germany)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008, attachment VII: This mixture is not classified as hazardous.

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

Slip danger. Degrease the skin at prolonged or repeated application.

This product should be handled with care as usual caution whilst handling chemicals.

3. Composition/ information on ingredients

3.2. Mixtures

Description of the mixture

Watery preparation of wax and anti-static agent. The exactly composition is subject to property rights.

The product contains no substances, nor concentration levels thereof that require marking or that need to be declared.

4. First aid measures

4.1. Description of first aid measures

General information

First aider must observe self-protection. Take off immediately all contaminated clothing. Rinse affected skin with plenty of water.

After inhalation

Move to fresh air in case of accidental inhalation of vapors or decomposition products.

In case of irritation of respiratory passages by the product seek medical advice.

After contact with skin

Wash off with soap and plenty of water. Take off immediately all contaminated clothing. If skin irritation continues consult a physician.



After contact with eyes

Take out contact lens. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

After ingestion

Do not provoke vomiting! Consult physician (danger of foam aspiration!).

Attention in case of vomiting - acute danger of suffocating, produced by foaming ingredients. Rinse mouth, fluid spit out again.

Make drink some glasses of water. The decision whether to provoke vomiting or not is to be taken by a physician.

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

Generally

No further relevant information available.

Upon eye contact

Eye irritation may occur.

Upon skin contact

Skin irritation may occur.

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

Symptomatic treatment. Upon contact with a doctor, make sure to have the label or this safety data sheet with you.

5. Firefighting measures

5.1. Extinguishing media

The product itself does not burn. Harmonize extinguishing measures with a possible fire of surroundings.

Unsuitable extinguishing device: water full jet (splashing danger).

5.2. Special hazards arising from substance or mixture

Danger of slipping on spilled material. Arising on wet deletion foam with water jet well distributed add or defoamer.

5.3. Advice for firefighters

Substance itself does not burn. Use extinguishing activities according to surrounding.

When inclusion in surrounding fire: If possible, use a dry powder extinguisher.

Contact with skin, keep a safety distance and wear suitable protective clothing.

In case of fire use a respirator mask.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale the product and avoid exposure to skin and eyes. Ensure good ventilation.

Keep unauthorized and unprotected people at a safe distance. Use recommended safety equipment, see section 8.

6.2. Environmental precautions

Intrusion of product and avoid large amounts of contaminated wash water in water and soil.

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Soak up larger quantities with a pump or use an inert absorbent material (e. g. sand, silica gel, acid binder or universal binder).

Shovel into suitable containers for disposal. If necessary dilute. Clean the spillage area with water.

6.4. Reference to other section

Information: For handling see chapter 7, for personal protective equipment see chapter 8, for disposal see chapter 13.

7. Handling and storage

7.1. Precautions for safe handling

Keep the canister strong closed. When using do not eat or drink. Open and handle the canister with care, store upright as possible.

The product should be handle with care, usual caution whilst handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Handle in premises which have modern ventilation standards. Store in a well-ventilated area, not above eye-level.

Store only in the original package. Protect from frost. Keep away from heat and direct sunlight.

Optimal storage temperature: 15 – 25 °C

The storage with the following substances is prohibited:

- Medicines, drinks, food and feed products additives including
- Infectious, radioactive and explosive materials
- Organic peroxides
- Oxidizing substances of group 1 according to TRGS 515

This substance should not be stored together with substances which hazardous chemical reaction are possible.



Requirement of storage rooms and containers

Excellent ventilation and extraction of the working area provide. Alkali-resistant floor provide. Eye bath provide. Locations conspicuous marked. When handling large quantities provide emergency showers. Stored in a location with alkali resistant floor or on a drain tray so that when is ensured leakage protection of groundwater. Use light metal drums. Always keep in containers which correspond the original one. Keep container tightly closed.

Storage class VCI: 12

7.3. Specific end use(s)

Special cleaner to clear backlogs of dissipative and conductive surfaces. For additional information please refer to our product specifications.

8. Exposure controls / personal protection

8.1. Control parameters

1-METHOXY-2-PROPANOL

Time-weighted-average exposure limit (TWA): 100 ppm / 375 mg/m³

Short term exposure limit (STEL): 150 ppm / 560 mg/m³

Note: Sk

Explanations of abbreviations are given in Section 16b

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

8.2.1. Appropriate engineering controls The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source.

Eye/face protection

Eye protection should be worn if there is any danger of direct exposure or splashing.

Skin protection

Use suitable protective clothing. Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks. The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions or abrasion.

Respiratory protection

Respiratory protective equipment is not normally required when working with this product, given that adequate ventilation is provided. The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task. Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended: - P2.

8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- (a) Physical state: Liquid
- (b) Form: Emulsion
- (c) Colour: white
- (d) Odour: Specific
- (e) Melting point / freezing point: Not indicated
- (f) Boiling point or initial boiling point and boiling range: 100 °C
- (g) Flammability: Not indicated
- (h) Lower and upper explosion limit: Not indicated
- (i) Flash point: Not indicated
- (j) Auto-ignition temperature: Not indicated
- (k) Decomposition temperature: Not indicated
- (l) pH, when supplied: 7 – 9
- (m) Kinematic viscosity: Not indicated
- (n) Solubility Solubility in water: Soluble

Safety Data Sheet according to Regulation (EC) No. 1907/2006

Product name: ESD-Floor-Polish

Part no.: 2900.581.1

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- (o) Partition coefficient n-octanol/water (log value): Not indicated
- (p) Vapour pressure: Not indicated
- (q) Density and / or relative density: 1.030 kg/L
- (r) Relative vapour density: Not indicated
- (s) Particle characteristics: Not indicated

9.2 Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

10. Stability and reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known during normal use.

10.4. Conditions to avoid

Stable at normal use. Avoid excessive heating. Precipitation at low temperatures (reversible process).

10.5. Incompatible materials

Avoid contact with strong acids. Avoid contact with strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal conditions.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity

The product is not classified as acutely toxic.

Skin corrosion/irritation

The product is not classified for skin corrosion / irritation.

Serious eye damage/irritation

The product is not classified for serious eye damage / eye irritation.

Respiratory or skin sensitisation

The product is not classified as sensitising.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

The product is not classified for specific organ toxicity after single exposure.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

11.2.2. Other information

Not indicated.



12. Ecological information

12.1. Toxicity

No ecological damage is known or expected in the event of normal use. Prevent release on land, in water and drains.

12.2. Persistence and degradability

The product degrades in the natural environment.

12.3. Bioaccumulative potential

Neither this product, nor its contents, accumulates in nature.

12.4. Mobility in soil

The product is miscible with water and is therefore variable in soil and water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

12.7. Other adverse effects

No known effects or hazards.

13. Disposal considerations

13.1. Waste treatment methods

Waste handling of the product

Avoid discharge into sewers. The product is not classified as hazardous waste. Empty, rinsed packaging is sent for recycling where practicable. See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

Classification according to 2008/98/EC

Recommended LoW-code: 03 02 01 Non-halogenated organicwood preservatives.

14. Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

Not classified as dangerous goods.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

14.8. Other transport information

Not applicable.

15. Regulatory information

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

Not indicated.

15.2. Chemical safety assessment:

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

16. Other information

16a. Indication of where changes have been made to the previous version of the safety data sheet Revisions of this document

Earlier version 2021-07-01: Changes in section(s) 2, 3, 4, 5, 7, 9, 10, 11, 12 and 13.

16b. Legend to abbreviations and acronyms used in the safety data sheet

Explanations of the abbreviations in Section 8

Sk - Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity

Explanations of the abbreviations in Section 14

ADR - European Agreement concerning the International Transport of Dangerous Goods by Road

RID - Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG - International Maritime Dangerous Goods Code

ICAO - International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA - The International Air Transport Association

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2023-04-27.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

1272/2008

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

2008/98/EC

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

16e. List of relevant hazard statements and/or precautionary statements

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

This product can cause injuries if not used properly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

Other relevant information

Not indicated.

Editorial information

This material safety data sheet has been prepared and checked by Jürgen Speicher.