

Safety Data Sheet

Hagmans Golvfärg EP-V komp B

Replaces date: 12/10/2022

Revision date: 15/01/2025

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

1.1. Product identifier

Trade name: Hagmans Golvfärg EP-V komp B

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

Recommended uses: Curing agent Paint two component system

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Hagmans Nordic AB
Address: Box 112
Zip code: 511 10
City: Fritsla
Country: SWEDEN
Email: info@hagmansnordic.com
Phone: +46(0)320-18900
Homepage: www.hagmans.com

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Eye Dam. 1;H318

Most serious harmful effects: Causes serious eye damage.

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2.2. Label elements

Pictograms



Signal word:

Danger

Contains

Substance:

Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts);

Hazard statements

H318

Causes serious eye damage.

Precautionary statements

P102

Keep out of reach of children.

P280

Wear eye protection.

P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER or doctor/physician.

Supplemental information

EUH208

Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

Contains biocidal products: C(M)IT/MIT (3:1) May produce an allergic reaction.

VOC:

This product contains a maximum of 10 g VOC/L. The limit value is 140 g VOC/L (cat. A/j)

2.3. Other hazards

The substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in concentrations of 0.1% or higher.

The substance/mixture contains no components that are considered to have endocrine-disrupting properties according to REACH art. 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ UK-REACH Reg. No.	Concentration	Notes	CLP-classification
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	238080-05-2 607-272-5	10 - 20 %		Acute Tox. 4;H302 Eye Dam. 1;H318
2-butoxyethanol	111-76-2 203-905-0	< 0.5 %		Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Acute Tox. 3;H331 ATE (Acute toxicity - oral): 1200 mg/kg bw ATE (vapours) (Acute toxicity - inhalation): 3 mg/l
Bronopol	52-51-7 200-143-0	< 0.05 %		Acute Tox. 3;H301 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Dam. 1;H318 Acute Tox. 3;H331 STOT SE 3;H335 Aquatic Acute 1;H400 Aquatic Chronic 2;H411 M (acute): 10
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 611-341-5	< 0.0015 %		Acute Tox. 3;H301 Acute Tox. 2;H310 Skin Corr. 1B;H314 Skin Sens. 1A;H317 Eye Dam. 1;H318 Acute Tox. 2;H330 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 C ≥ 0.0015%: Skin Sens. 1A;H317 C ≥ 0.6%: Eye Dam. 1;H318 C ≥ 0.6%: Skin Corr. 1C;H314 0.06% ≤ C < 0.6%: Eye Irrit. 2;H319 0.06% ≤ C < 0.6%: Skin Irrit. 2;H315 LD50 (Acute toxicity - dermal): 660 mg/kg bw LD50 (Acute toxicity - oral): 457 mg/kg bw ATE (dust/mist) (Acute toxicity - inhalation): 0.31 mg/l M (acute): 100 M (chronic): 100

Please see section 16 for the full text of H- / EUH-phrases.

Ingredient comments:

Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts) can also be called Polyamine epoxy adduct.

Some products in this product range contain ≥1% titanium dioxide (13463-67-7). The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

SECTION 4: First aid measures

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4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained. Immediately call a POISON CENTER or doctor/physician.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight. Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam, carbon dioxide or water mist.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Keep unnecessary personnel away. Wear safety goggles. Wear suitable protective clothing. Wear gloves. In case of insufficient ventilation, wear respiratory protective equipment.
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6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

When mixing two components, consult the safety data sheets for both components.
Avoid contact with skin and eyes. Do not eat, drink or smoke during work. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely and keep out of reach of children. Store in a dry, cool, well-ventilated area. Store frost-free. Keep in tightly closed original packaging.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.
See the technical data sheet for specific use instructions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
2-butoxyethanol	8h	25	123			BMGV
2-butoxyethanol	15m	50	246			BMGV

BMGV = Biological monitoring guidance value (listed in Table 2).

8.2. Exposure controls

Appropriate engineering controls:

Provide good ventilation. Avoid contact with skin and eyes. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

Personal protective equipment, eye/face protection: Wear safety goggles/face protection.

Personal protective equipment, skin protection: Wear suitable protective clothing. Wear coveralls.

Personal protective equipment, hand protection: Wear gloves. Type of material: Nitrile rubber.

Environmental exposure controls: Avoid discharge to drain or surface water. Ensure compliance with local regulations for emissions. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	According to product specification
Odour	Weak Amine odour
Solubility	Solubility in water: Miscible

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Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	~ 0 °C	Water
Freezing point	~ 0 °C	Water
Initial boiling point and boiling range	~ 100 °C	Water
Flammability (solid, gas)		Non-flammable
Flammability limits	No data	
Explosion limits		Not applicable.
Flash Point		Not applicable.
Auto-ignition temperature		The product is not self-igniting.
Decomposition temperature:	No data	
pH (solution for use)	9 - 10	
pH (concentrate)		Not relevant
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1250 - 1350 kg/m ³	
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Oxidisers. Strong acids/ Strong alkalis.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide/ Nitric oxide.

Other Information: Hardening time: 5-7 days depending on floor temperature. (NOTE! Lowest floor temperature +10°C). Store frost-free. Shelf life: approximately 24 months.

SECTION 11: Toxicological information

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

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Acute toxicity - oral:	Based on existing data, the classification criteria are deemed not to have been met. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. Symptoms: headache, nausea and shortness of breath.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Respiratory sensitisation or skin sensitisation:	Based on existing data, the classification criteria are deemed not to have been met. The product contains small amounts of reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Persons with a known allergy may exhibit an allergic response to the product.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.
Single STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Repeated STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met.

11.2. Information on other hazards

Endocrine disrupting properties:	Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.
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SECTION 12: Ecological information

12.1. Toxicity

Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Endocrine disrupting properties

Constituents have no endocrine-disrupting properties with respect to non-target organisms as they do not meet the criteria in Section B of Regulation (EU) 2017/2100.

12.7. Other adverse effects

None known.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Unhardened product must be treated as dangerous waste. Remnants of Comp B can be mixed with Comp A in an open container.

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

Hardened product is non-hazardous waste according to waste regulations. Contact the local authorities for instructions on handling. Use the below code for waste registration.

Category of waste: EWC code: Depends on line of business and use, for instance
08 01 11* waste paint and varnish containing organic solvents or other hazardous substances
08 01 19* aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

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

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Other Information: When mixing two components, consult the safety data sheets for both components. This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Vendor notes: Changes have been made in sections: 2, 3, 16.

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Hazard statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Supplemental hazard information

EUH208	Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
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Country: GB