

# Safety Data Sheet

## Hagmans Klarlack Matt

Replaces date: 20/11/2021

Revision date: 03/06/2022

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

#### 1.1. Product identifier

**Trade name:** Hagmans Klarlack Matt  
**Synonyms:** Hagmans Clear coat Matte

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

**Recommended uses:** Varnish

#### 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  
**E-mail:** 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:** Aerosol 1;H222 Aerosol 1;H229 Eye Irrit. 2;H319 STOT SE 3;H336

**Most serious harmful effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness.

#### 2.2. Label elements

##### Pictograms



**Signal word:** Danger

##### Contains

**Substance:** acetone; n-butyl acetate; propan-2-ol; ethyl acetate;

##### Hazard Statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

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### Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor/if you feel unwell.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501	Dispose of contents/container in accordance with local regulations.

### Supplemental information

EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
EUH208	Contains n-butyl methacrylate. May produce an allergic reaction.

Without adequate ventilation, explosive atmosphere/gas mix may be created.

**VOC:** This product contains a maximum of 840 g VOC/L. The limit value is 840 g VOC/L (cat. B/e)

### 2.3. Other hazards

No further relevant information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
acetone	67-64-1 200-662-2 01-2119471330-49	10 -< 25 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336  EUH066
Butane (containing < 0,1 % butadiene (203-450-8))	106-97-8 203-448-7 01-2119474691-32	10 -< 25 %		Flam. Gas 1A;H220 Press. Gas Comp. gas;H280
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29	10 -< 25 %		Flam. Liq. 3;H226 STOT SE 3;H336  EUH066
propane	74-98-6 200-827-9 01-2119486944-21	10 -< 25 %		Flam. Gas 1A;H220 Press. Gas Comp. gas;H280  EUH018
propan-2-ol	67-63-0 200-661-7 01-2119457558-25	5 -< 10 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
Isobutane	75-28-5 200-857-2 01-2119485395-27	5 -< 10 %		Flam. Gas 1A;H220 Press. Gas Comp. gas;H280  EUH018
ethyl acetate	141-78-6 205-500-4 01-2119475103-46	1 -< 2.5 %		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336  EUH066
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 01-2119475791-29	1 -< 2.5 %		Flam. Liq. 3;H226

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Xylene	1330-20-7 215-535-7 01-2119488216-32	1 -< 2.5 %	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Acute Tox. 4;H332 STOT SE 3;H335 STOT RE 2;H373
n-butyl methacrylate	97-88-1 202-615-1 01-2119486394-28	0.1 > 1 %	Flam. Liq. 3;H226 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Irrit. 2;H319 STOT SE 3;H335

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Rinse the mouth with water. Seek medical advice in case of persistent discomfort. Apart from intentional ingestion, swallowing of major quantities is improbable.
<b>Skin contact:</b>	Wash skin with soap and water.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice in case of persistent discomfort.
<b>General:</b>	When obtaining medical advice, show the safety data sheet or label.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Use water or water mist to cool non-ignited stock.
<b>Unsuitable extinguishing media:</b>	Do not use water stream, as it may spread the fire.

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

CAUTION! Aerosol containers may explode.

#### 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. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

### SECTION 6: Accidental release measures

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

**For non-emergency personnel:** Keep unnecessary personnel away.  
Stop leak if this can be done without risk. Wear necessary protective equipment.

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### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Provide good ventilation. 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Provide adequate ventilation. Smoking and naked flames prohibited.

Do not spray on a naked flame or any incandescent material.

See section 8 for type of protective equipment.

### 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.

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

### 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 <sup>3</sup>	fiber/cm <sup>3</sup>	Remarks	Comments
acetone	8h	500	1210			
acetone	15m	1500	3620			
Butane (containing < 0,1 % butadiene (203-450-8))	8h	600	1450			
Butane (containing < 0,1 % butadiene (203-450-8))	15m	750	1810			
n-butyl acetate	8h	150	724			
n-butyl acetate	15m	200	966			
propan-2-ol	8h	400	999			
propan-2-ol	15m	500	1250			
ethyl acetate	15m	400				
ethyl acetate	8h	200				
Xylene	15m	100	441			BMGV
Xylene	8h	50	220			BMGV

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

### 8.2. Exposure controls

**Appropriate engineering controls:** Facilities for eye rinsing must be available.  
Avoid contact with skin and eyes. Wash hands before breaks, before using restroom facilities, and at the end of work.  
Do not eat, drink or smoke when using this product.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, hand protection:** Gloves must conform to EN 374. Light use (small volume, shortterm contact (below 10 min.)): Butyl rubber. 0,7 mm. Medium use (medium volume, medium contact (1-2 hours)): Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often.

**Personal protective equipment, respiratory protection:** In case of insufficient ventilation, wear respiratory protection with filter A/P2.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

## SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Aerosol
Colour	Colourless
Odour	Characteristic Solvent
Solubility	Solubility in water: Not miscible

Parameter	Value/unit	Remarks
Odour threshold		Not determined.
Melting point		Not determined.
Freezing point		Not determined.
Initial boiling point and boiling range	-44 °C	
Flammability (solid, gas)		Not applicable.
Flammability limits		Not determined.
Explosion limits	1.2 - 13.0 vol%	
Flash Point	< 0 °C	Without propellant gas
Auto-ignition temperature		Product is not selfigniting.
Decomposition temperature		Not determined.
pH (solution for use)		Not determined.
pH (concentrate)		Not determined.
Kinematic viscosity	No data	
Viscosity		Not determined.
Partition coefficient n-octanol/water		Not determined.
Vapour pressure	3600 hPa	20°C.
Density	No data	
Relative density	-	Not determined.
Vapour density		Not determined.
Relative density (sat. air)	No data	
Particle characteristics	No data	

### 9.2. Other information

Parameter	Value/unit	Remarks

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Evaporation rate		Not applicable.
Explosive properties		The product is not explosive, but formation of explosive vapor-air mixtures are possible.
Oxidising properties		Not determined.
Organic solvents / propellant gas:	87,2%	
Solids content:	12,6%	

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No further relevant information available.

#### 10.2. Chemical stability

Stable under recommended storage and handling conditions.

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

None known.

### SECTION 11: Toxicological information

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

<b>Acute toxicity - oral:</b>	Based on existing data, the classification criteria are deemed not to have been met. Because of limited volume in an aerosol, and that the contents can hardly be swallowed, risk of poisoning is regarded to be small.
<b>Acute toxicity - dermal:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Acute toxicity - inhalation:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Skin corrosion/irritation:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Serious eye damage/eye irritation:</b>	Causes serious eye damage.
<b>Respiratory sensitisation or skin sensitisation:</b>	The product contains small amounts of n-butyl methacrylate. Persons with a known allergy may exhibit an allergic response to the product.
<b>Germ cell mutagenicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Carcinogenic properties:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Reproductive toxicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Single STOT exposure:</b>	May cause drowsiness or dizziness.

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**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

## SECTION 12: Ecological information

### 12.1. Toxicity

No further relevant information available.

### 12.2. Persistence and degradability

No further relevant information available.

### 12.3. Bioaccumulative potential

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

### 12.7. Other adverse effects

No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

**Category of waste:** 15 01 10\* packaging containing residues of or contaminated by hazardous substances

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number or ID number:** 1950

**14.2. UN proper shipping name:** AEROSOLS

**14.3. Transport hazard class(es):** 2.1

**Hazard label(s):** 2.1

**Hazard identification number:**

**14.4. Packing group:**

**14.5. Environmental hazards:**

The product should not be labelled as an environmental hazard (symbol: fish and tree).

**Tunnel restriction code:** D

### Inland water ways transport (ADN)

**14.1. UN number or ID number:** 1950

**14.4. Packing group:**

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**14.2. UN proper shipping name:**

AEROSOLS

**14.5. Environmental hazards:**

The product should not be labelled as an environmental hazard (symbol: fish and tree).

**14.3. Transport hazard class(es):**

2.1

**Hazard label(s):**

2.1

**Transport in tank vessels:**

### Sea transport (IMDG)

**14.1. UN number or ID number:** 1950

**14.2. UN proper shipping name:**

AEROSOLS

**14.4. Packing group:**

**14.5. Environmental hazards:**

The product is not a Marine Pollutant (MP).

**14.3. Transport hazard class(es):**

2.1

**Hazard label(s):**

2.1

**EmS:**

F-D, S-U

**Environmental Hazardous Substance Name(s):**

**IMDG Code segregation group:**

- None -

### Air transport (ICAO-TI / IATA-DGR)

**14.1. UN number or ID number:** 1950

**14.2. UN proper shipping name:**

AEROSOLS, FLAMMABLE

**14.4. Packing group:**

**14.5. Environmental hazards:**

The product should not be labelled as an environmental hazard (symbol: fish and tree).

**14.3. Transport hazard class(es):**

2.1

**Hazard label(s):**

2.1

### 14.6. Special precautions for user

Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

**Other Information:**

ADR Limited quantities (LQ) 1L Excepted quantities (EQ) Code: E0 Not permitted as Excepted Quantity. Transport category 2.

IMDG: Limited Quantities (LQ) 1L Code: E0 Not permitted as Excepted Quantity

## SECTION 15: Regulatory information

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

**Special Provisions:**

This product is regulated by regulation (EU) 2019/1148. All suspicious transactions and significant thefts and disappearances must be reported to the police.

### 15.2. Chemical Safety Assessment

**Other Information:**

Chemical safety assessment has not been performed.

## SECTION 16: Other information

**Other Information:**

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.



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**Vendor notes:** Changes have been made in sections: 1-16.

### List of relevant H-statements

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure, may explode if heated.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

### List of relevant EUH-statements

EUH018	In use may form flammable/explosive vapour-air mixture.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains n-butyl methacrylate. May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**Country:** GB