

Safety Data Sheet

Hard Head Clear Varnish 2-comp. B

Revision date: 19/05/2020

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

1.1. Product identifier

Trade name: Hard Head Clear Varnish 2-comp. B

Group name: Polyamine Emulsion

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

Recommended uses: Curing agent two component system Paint

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Jula AB
Address: Box 363
Zip code: 532 24
City: Skara
Country: SWEDEN
E-mail: info@jula.se, info@jula.no, info@jula.pl, chem@jula.com
Phone: +46(0)511-24600
Homepage: www.jula.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: Skin Irrit. 2;H315 Eye Dam. 1;H318

Most serious harmful effects: Causes skin irritation. Causes serious eye damage.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: Polyoxypropylene diamine; Polymer from badge, polyethylene glycol, teta and cresyl glycidyl ether;

H-phrases

H315 Causes skin irritation.
H318 Causes serious eye damage.

P-phrases

P102 Keep out of reach of children.

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P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/eye protection.
P301+330+331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+361+353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363	Wash contaminated clothing before reuse.
P332+313	If skin irritation occurs: Get medical advice/attention.
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.
VOC:	This product contains a maximum of 140 g VOC/L. The limit value is 140 g VOC/L (cat. A/j)

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Polyoxypropylene diamine	9046-10-0 618-561-0 01-2119557899-12	< 10%		Skin Corr. 1C;H314 Aquatic Chronic 3;H412
Polymer from badge, polyethylene glycol, teta and cresyl glycidyl ether	362679-94-5	< 10%		Eye Dam. 1;H318
1-methoxy-2-propanol	107-98-2 203-539-1 01-2119457435-35	< 5%		Flam. Liq. 3;H226 STOT SE 3;H336
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38	< 5%		Acute Tox. 4;H302 Eye Irrit. 2;H319 Acute Tox. 4;H332

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. In case of respiratory stop, administer artificial respiration/oxygen (but not the mouth-to-nose method) Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion:	Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Call a POISON CENTER or doctor/physician.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
General:	When obtaining medical advice, show the safety data sheet or label. Never give anything by mouth to an unconscious person.

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

See section 11

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

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist.

5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire. Send contaminated extinguishing water for destruction.

5.3. Advice for firefighters

Wear respiratory protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: See section 8 for type of protective equipment. Provide good ventilation.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Information regarding the safe handling, see Chapter 7. 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

When mixing two components, consult the safety data sheets for both components. 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 frost-free. Store in a dry, cool, well-ventilated area. Keep in tightly closed original packaging. Do not store with the following: Acids/ Oxidisers.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Comments	Remarks
1-methoxy-2-propanol	15m	150	560			Sk
1-methoxy-2-propanol	8h	100	375			Sk

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Sk = Can be absorbed through the skin.

8.2. Exposure controls

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

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

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

Personal protective equipment, hand protection: Wear gloves. Type of material: Rubber. Plastic/ Polyvinyl chloride (PVC). Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: In case of insufficient ventilation: Wear respiratory protective equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	White
Odour	Weak
Solubility	Solubility in water: Dispersible.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	96 °C	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 100 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	~ 10.6	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	24.871 hPa	@ 21°C
Density	1080 kg/m ³	@ 21°C
Relative density	1.08	(water = 1)
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

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Other Information: * Benzyl alcohol is not included as VOC since it reacts when the product harden.

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No information available

10.4. Conditions to avoid

No information available

10.5. Incompatible materials

Sodium hypochlorite. Organic acids (eg acetic acid, citric acid). Alkalis/ Oxidisers. Peroxides.

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released. Carbon monoxide and carbon dioxide. Nitric oxide. Ammonia

Other Information: Hardening time: 5-7 days depending on floor temperature. (NOTE! Lowest floor temperature +12°C).

SECTION 11: Toxicological information

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

Acute toxicity - oral: If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract.

Acute toxicity - dermal: Can be absorbed through the skin causing symptoms such as dizziness and headache.

Acute toxicity - inhalation: Irritating to the respiratory system.

Skin corrosion/irritation

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	in vitro			Non corrosive	OECD 435	Supplier's Safety Data Sheet

Polyoxypropylene diamine, cas-no 9046-10-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Corrosive	OECD 404	Supplier's Safety Data Sheet

Irritating to skin - may cause reddening.

Serious eye damage/eye irritation

Polyoxypropylene diamine, cas-no 9046-10-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit				Risk of serious damage to eyes.	OECD 405	Supplier's Safety Data Sheet

Risk of serious damage to eyes.

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11.2. Information on other hazards

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

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Unhardened product must be treated as dangerous waste. Mix component B with component A so that the product hardens. 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 19* aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable.

14.4. Packing group: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.5. Environmental hazards: Not applicable.

14.3. Transport hazard class(es): 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

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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 1907/2006/EC (REACH) as subsequently changed. When mixing two components, consult the safety data sheets for both components.

Vendor notes: Changes have been made in sections: -

List of relevant H-statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

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