

Section 1

Substance / Mixture & Company Identification

- 1.1 **Product identifier.**
Hemway Clear Satin Lacquer
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against.**
Surface coating.
- Application of the substance or mixture.**
Surface coating.
- 1.3 **Details of the supplier of the safety data sheet.**
Hemway
Unit N1
Gildersome Spur
Industrial Estate
Leeds
LS27 7JZ
Further information obtainable from contact@hemway.com.
- 1.4 **Emergency telephone number.**
0113 350 8545

Section 2

Hazards Identification

- 2.1 **Classification of the substance or mixture.**

Classification according to Regulation (EC) No 1272/2008.
The product is not classified, according to the CLP regulation.
- 2.2 **Label elements.**

Labelling according to Regulation (EC) No 1272/2008.
Void.
- Hazard pictograms.**
Void.

Signal word.

Void.

Hazard statements.

Void.

Additional information.

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other hazards.**Results of PBT and vPvB assessment.****PBT**

Not applicable.

vPvB

Not applicable.

Section 3**Ingredients Composition / Information****3.2 Chemical characterisation: Mixtures.****Description.**

Mixture of substances listed below with non-hazardous additions.

Dangerous components.		
CAS: 57-55-6 EINECS: 200-338-0 Reg. No: 01-2119456809-23	Propylene Glycol Substance with a community workplace exposure limit.	>10-≤25%
CAS: 112-34-5 EINECS: 203-961-6 Reg. No: 01-2119475104-44-xxxx	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	>1-≤2.5%

Additional information.

For the wording of the listed hazard phrases refer to Section 16.

Section 4**First Aid Measures****4.1 Description of first aid measures.****After inhalation.**

Supply fresh air. Consult doctor in case of complaints.

After eye contact.

Rinse opened eye for several minutes under running water.

After swallowing.

Do not induce vomiting. Call for medical help immediately and show safety datasheet 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.

Treat symptomatically.

Section 5**Firefighting Measures****5.1 Extinguishing media.****Suitable extinguishing agents.**

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture.

No further relevant information available.

5.3 Advice for firefighters.**Protective equipment.**

Put on breathing apparatus.

Section 6

Accidental Release Measures

- 6.1 Personal precautions, protective equipment and emergency procedures.**
Not required.
- 6.2 Environmental precautions.**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up.**
Absorb with liquid-binding material: sand, diatomite, acid binders, universal binders, sawdust.
- 6.4 Reference to other sections.**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7

Handling & Storage

- 7.1 Precautions for safe handling.**
Keep receptacles tightly sealed.
- Hygiene measures.**
Wash hands before breaks and at the end of workday.
- Information about fire and explosion protection.**
No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities.**
- Requirements to be met by storerooms and receptacles.**
No special requirements.
- Information about storage in one common storage facility.**
Not required.
- Further information about storage conditions.**
Keep receptacle tightly sealed and in a well-ventilated place.
Keep away from heat.

7.3 Specific end use(s).
No further relevant information available.

Section 8
Exposure Controls & Personal Protection

8.1 Control parameters.
Additional information about design of technical facilities.
No further data. See Section 7.

Ingredients with limit values that require monitoring at the workplace.		
57-55-6 Propylene Glycol		
WEL	Long-term value: 474 ¹ 10 ² mg/m ³ , 150 ¹ ppm ¹ Total vapour and particulates ² Particulates	
112-34-5 2-(2-butoxyethoxy)ethanol		
WEL	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm	
DNELs.		
57-55-6 Propylene Glycol		
Oral	DNEL	85 mg/day (Con)
Dermal	DNEL	213 mg/day (Con)
Inhalative	DNEL	50 mg/m ³ (Con) 168 mg/m ³ (Ind)

112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	DNEL	1.25 mg/day (Con)
Dermal	DNEL	10 mg/day (Con) 20 mg/day (Ind)
Inhalative	DNEL	34 mg/m ³ (Con) 67.5 mg/m ³ (Ind)

Additional information.

The lists valid during the making were used as basis.

8.2 Exposure controls.

General protective and hygienic measures.

Wash hands before breaks and at the end of work.

Respiratory protection.

Particulate cartridge filter type when LEV cannot be supplied.

Protection of hands.

Not required.

Eye protection.

Goggles recommended during refilling.

Section 9

Physical & Chemical Properties

9.1 Information

General information	
Appearance	
Form	Liquid
Colour	Clear
Odour	Characteristic
Odour threshold	Not determined

pH-value at 20°C	8.5
Change in condition	
Melting point and freezing point Initial boiling point and boiling range	Undetermined 100 °C
Flash point	103 °C
Flammability (solid, gas)	Not applicable
Ignition temperature	>370 °C
Decomposition temperature	Not determined
Auto-ignition temperature	Product is not selfigniting
Explosive properties	Product does not present an explosion hazard
Explosion limits	
Lower	2.6 Vol %
Upper	12.6 Vol %
Vapour pressure at 20°C	23 hPa
Density at 20°C Relative density Vapour density Evaporation rate	1.131 g/cm ³ Not determined Not determined Not determined
Solubility in / Miscibility with water	Fully miscible
Partition coefficient: n-octanol / water	Not determined

<p>Viscosity</p> <p>Dynamic at 20°C Kinematic</p>	<p>2,500 mPas Not determined</p>
<p>Solvent content</p> <p>Organic solvents Water</p>	<p>15.3% 41.4%</p>
<p>Solids content</p>	<p>43.3%</p>

9.2 Other information.
No further relevant information available.

**Section 10
Stability & Reactivity**

10.1 Reactivity.
No further relevant information available.

10.2 Chemical stability.

Thermal decomposition / conditions to be avoided.
No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions.
No dangerous reactions known.

10.4 Conditions to avoid.
No further relevant information available.

10.5 Incompatible materials.
No further relevant information available.

10.6 Hazardous decomposition products.
No dangerous decomposition products when stored and handled correctly.

Section 11
Toxicological Information

11.1 Information on toxicological effects.

Acute toxicity.

Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification.		
57-55-6 Propylene Glycol		
Oral	LD50	22,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

Primary irritant effect.

Skin corrosion n / irritation.

Based on available data, the classification criteria are not met.

Serious eye damage / irritation.

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation.

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction).

Germ cell mutagenicity.

Based on available data, the classification criteria are not met.

Carcinogenicity.

Based on available data, the classification criteria are not met.

Reproductive toxicity.

Based on available data, the classification criteria are not met.

STOT-single exposure.

Based on available data, the classification criteria are not met.

STOT-repeated exposure.

Based on available data, the classification criteria are not met.

Aspiration hazard.

Based on available data, the classification criteria are not met.

Section 12**Ecological Information****12.1 Toxicity.****Aquatic 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 General notes.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.6 Results of PBT and vPvB assessment.**PBT**

Not applicable.

vPvB

Not applicable.

- 12.7 Other adverse effects.**
No further relevant information available.

Section 13 Disposal Considerations

- 13.1 Waste treatment methods.**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- 13.2 Uncleaned packaging.**
Disposal must be made according to official regulations.
- 13.3 Recommended cleansing agents.**
Water, if necessary together with cleansing agents.

Section 14 Transport Information

- 14.1 UN number.**
ADR, ADN, IMDG, IATA.
Void.
- 14.2 UN proper shipping name.**
ADR, ADN, IMDG, IATA.
Void.
- 14.3 Transport hazard class(es).**
ADR, ADN, IMDG, IATA.
Void.
- 14.4 Packing group**
ADR, IMDG, IATA.
Void.

14.5 Environmental hazards.

Marine pollutant.

No.

14.6 Special precautions for user.

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code.

Not applicable.

14.8 UN 'Model Regulation'.

Void.

Section 15

Regulatory Information

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

Directive 2012/18/EU: Named dangerous substances: Annex I.

None of the ingredients are listed.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment: Annex II.

None of the ingredients are listed.

Technical instructions (air).	
Class	Share
Wasser	41.4%
NK	15.3%

Waterhazard class.

Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment.

A chemical safety assessment has not been carried out.

Section 16**Other Information****16.1 Information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

16.2 Full text of H-Statements referred to under Sections 2 and 3.**H319**

Causes serious eye irritation.

16.3 Department issuing SDS.

Product safety department.

Contact

Health & Safety Officer

16.4 Abbreviations and acronyms.**RID**

Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

ICAO

International Civil Aviation Organisation.

ADR

Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG

International Maritime Code for Dangerous Goods.

IATA

International Air Transport Association.

GHS

Globally Harmonised System of Classification and Labelling of Chemicals.

EINECS

European Inventory of Existing Commercial Chemical Substances.

ELINCS

European List of Notified Chemical Substances.

CAS

Chemical Abstracts Service (division of the American Chemical Society).

DNEL

Derived No-Effect Level (REACH).

LC50

Lethal concentration, 50 percent.

LD50

Lethal dose, 50 percent.

PBT

Persistent, Bioaccumulative and Toxic.

vPvB

very Persistent and very Bioaccumulative.

Eye Irrit. 2

Serious eye damage/eye irritation – Category 2.