

# Sustainability data sheet

## Hesse PERFECT-TOP HDE 5400x(gloss level)

Mixing ratio (by volume): 10 : 1 HYDRO Hardener HDR 5091



### Product description

PERFECT-TOP ist ein zweikomponenten HYDRO-PUR Acrylat-Schichtlacksystem mit hervorragender mechanischer und chemischer Beständigkeit. Die gute Anfeuerung und Brillanz, gepaart mit der sehr guten Creme- und Handschweißbeständigkeit, machen dieses System zum hochwertigen Oberflächenschutz im gesamten Innenausbau. Aufgrund der besonderen Rezeptierung ist dieser Lack auch für eine knarrfreie Beschichtung von Holztreppen geeignet.

Das bereits mit Lichtschutz formulierte Lackmaterial ist nach IMO zertifiziert (Schwerentflammbares Anstrichmittel für Seeschiffe) und eignet sich somit für die Lackierung von Schiffsinneinrichtungen. Methylpyrrolidonfrei und frei von Phthalatweichmachern, deshalb auch zur Lackierung von Kinderspielzeug geeignet. Außerdem Schwerentflammbar nach DIN EN 13501-1 zertifiziert.

### Areas of application

In the entire interior, including kitchen and bathroom, as well as for painting the interior of ships. Also suitable for coating content-rich woods (e.g. ash, oak, pine, etc.), as well as stairs and handrails. Can also be used for finishing suitable colour lacquer surfaces and on (sufficiently dried) bleached surfaces.

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SVHC	No
CMR substances (KAT 1A and 1B)	not included
Highly hazardous to the environment	No
Free of aromatic substances	Yes
Phthalate softener	not included
Skin corrosive	No
Harmful to organs	No
Biocides	not included
VOC EU	5.6 - 6 %
VOC FR	B
Proportion of renewable raw materials	0 %
DGNB suitability	QS3
Decopaint basis	wb
Decopaint category	J
Decopaint compliant	Yes
Non-volatile proportion	32.8 - 36.7 %

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### Particular properties / testing standards

Sign	Product standard / basis	Sign	Product standard / basis
	Quality Assurance System Certificate (Module D); Directive 2014/90/EU (Marine Equipment Directive)		Examination for scratch resistance according to ISO 1518-1:2019
	Product meets the requirements of solvent based paints and coatings regulation - ChemVOCFarbV (German ordinance on solvent-based paints and		Slip-resistant according to German Industrial Standard EN 16165:2023-02 (1)
	PVC-resistant		DIN 68861-Part 1B (Furniture surfaces; Behaviour under chemical demands)
	Saliva and sweat resistance according to DIN 53160 Parts 1 and 2: no discolouration (Level 5)		Classification of fire behaviour under DIN EN 13501-1 on validated substrate materials
	Construction book registered		Toy safety as per DIN EN 71-3
	The DGNB criteria of quality level 3 for coatings on non-mineral substrates are met. (Manufacturer's declaration on request at the fol-		Green Building - Applicable Standard Specification: Standard Specification: 2023 Al Sa'fat – Dubai Green Building System Applicable Specific Rules:
	Flame retardant to Class A under ASTM E84		

### Disposal

#### Lacquer

According to the currently valid Waste Catalogue Ordinance, it is necessary to assign waste to a specific waste type according to its origin. It is therefore not possible to clearly define a waste code number.

#### packaging

Packaging that is completely empty should be recycled. However, packaging that contains residues of hazardous substances or is contaminated by these substances, as well as packaging that is not completely empty, must be disposed of properly and without risk in accordance with the regulations for the respective product.

### General information about the company

**Hesse Signal** takes responsibility for future generations and is actively committed to protecting people and the environment. The company demonstrates this not only by phasing out solvents for its own paint systems by 2030.

**Hesse Signal** is committed to using all resources responsibly and as sparingly as possible in all areas, thus setting an example for the industry.

#### ISO certification

- Quality management ISO 9001
- Energy Management ISO 50001
- Environmental management ISO 14001
- Occupational health and safety management ISO 45001

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Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The indicated values are no specification, but typical product data. The latest version is always available online at [www.hesse-lignal.de](http://www.hesse-lignal.de) or talk to your local account manager. This information is for advice and is based on the best knowledge available and careful research in line with the current state of the art. This information cannot be held as legally binding. We also refer you to our terms and conditions of business. Material safety data sheet is provided in accordance with EC regulation no. 1907/2006.