Hempel's HI-VEE Lacquer

Product characteristics

Description
Hempel's HI-VEE Lacquer is a non-yellowing, clear varnish. The inclusion of a UV absorber serves to protect the preceding paint film against ultraviolet radiation. Further benefits are water and dirt repellent properties.

Recommended use
Hempel's HI-VEE Lacquer is recommended for protection of Hempel's HI-VEE 56540, especially in outdoor exposure, to maintain the high visibility (HI-VEE) of the fluorescent effect. Not recommended for surfaces subject to excessive wear.

Service temperature:
- Minimum, recommended by Hempel for dry exposure: -50°C [-58°F].

Product safety

Flash point 37°C [98°F]

VOC content

Legislation	Value
EU	582 g/L [4.86 lb/US gal]
US (coatings)	582 g/L [4.86 lb/US gal]
US (regulatory)	582 g/L [4.86 lb/US gal]
China	582 g/L [4.86 lb/US gal]

According to specific legislation, see details in the Explanatory Notes available at Hempel website, hempel.com or at your local Hempel website.

Handling
Handle with care. Before and during use, observe safety labels on packaging and paint containers and follow all local and national safety regulations. Always consult Hempel's Safety Data Sheet for this product along with the Product Data Sheet.

For professional use only.

Product data

Product code: 06520

Standard shade / code: Transparent 00000

Gloss: Glossy

Volume solids: 27 ± 2%

Specific gravity: 0.9 kg/L [7 lb/US gal]

Reference dry film thickness: 25 micron [1.0 mils]

Surface preparation

Consult Hempel's separate Surface Preparation Guidelines for more details.

Application

Thinner
Hempel's Thinner 08230

Cleaner
Hempel's Thinner 08230

Application method

Tool	Application parameters
Brush	-

Film thickness

Specification range	Low	High	Recommended
Dry film thickness	25 micron [1.0 mils]	25 micron [1.0 mils]	25 micron [1.0 mils]
Wet film thickness	94 micron [3.8 mils]	94 micron [3.8 mils]	94 micron [3.8 mils]
Theoretical spreading rate	11 m²/L [448 sq ft/US gal]	11 m²/L [448 sq ft/US gal]	11 m²/L [448 sq ft/US gal]

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Drying and overcoating

Product compatibility
- Previous coat: Recommended product is:

Storage

Shelf life

Ambient temperature	25°C [77°F]
Product	60 months

Shelf life from date of production, when stored in original, unopened containers. Thereafter, the product quality must be re-inspected. Storage at elevated temperatures may reduce shelf life. The shelf life printed on product labels is based on regional climate conditions. For advice, please consult Hempel.

Storage conditions
- The product must be stored in accordance with Safety Data Sheet, label and local regulations. Keep the containers in a dry, shaded, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Carbon Footprint

Dry film thickness	1 µm	1 mil
GWP (Global Warming Potential)	13.3 g CO_2e/m^2	0.069 lb CO_2e/ft^2

The carbon footprint is for 1 square meter / square foot of surface area with a dry film thickness of 1 micron / mil.

The scope includes raw materials, in-bound transport to the Hempel factory, Hempel manufacturing processes, and any Volatile Organic Compounds emitted during and after the application of the product.

It is calculated based on the standard shade defined in this PDS. Values may vary with shade.

Additional documents

Additional information is available at the Knowledge Center: https://www.hempel.com/knowledge-center . The documents below can be found in the Technical Guidelines section: https://www.hempel.com/knowledge-center/technical-guidelines or at the Hempel website.

- Explanatory Notes for Product Data Sheet.
- Application methods.

This Product Data Sheet ("**PDS**") relates to the supplied product ("**Product**") and is subject to updating from time-to-time. Accordingly, the buyer/applicator should have regard to the PDS supplied together with the relevant batch of the Product (and not an earlier version). In addition to the PDS, the buyer/applicator may receive some or all of the following specifications, statements and/or guidelines as listed below or as are available from the Hempel website under 'Products' at www.hempel.com (the "**Additional documents**"):

No.	Document description	Location/comments
1.	Technical Statement	One-off specific advice provided on request for specific projects
2.	Specification	Only issued for specific projects
3.	PDS	This document
4.	Explanatory Notes to the PDS	Available at www.hempel.com and contain relevant information about the Product testing parameters
5.	Application Instruction	Where available, at www.hempel.com
6.	Generic technical guidelines (e.g. on application and surface preparation)	Where available, at www.hempel.com

In the event of a conflict of information between the PDS and the Additional documents, the order of priority of information shall be in the order as set out above. In such event you should also contact your representative at Hempel for clarification. Furthermore, the buyer/applicator must have full regard to the relevant Safety Data Sheet provided with each Product and which can also be downloaded from www.hempel.com.

Hempel shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements set out in the relevant PDS and the Additional Documents. The information and terms of this disclaimer apply to this PDS, the Additional documents and any other documents supplied by Hempel in respect of the Product. In addition, the Product is supplied and all technical assistance is given subject to Hempel's General Conditions of Sale, Delivery and Service, unless otherwise expressly agreed in writing.