

# HEMPEL'S HI-VEE\* 56540

**Description:** HEMPEL'S HI-VEE 56540 is a non-hiding, but strongly day-light reflecting acrylic paint with fluorescent pigments which give intense colour impression and high visibility (HI-VEE). It has no effect in darkness, and it needs HEMPEL'S HI-VEE LACQUER 06520 on top in order to improve the light fastness.

**Recommended use:** For life-saving equipment and for markings warning against some danger or obstruction, eg on high tension pylons, radio towers, and other tall structures, protruding or moving objects, etc.

**Service temperatures:** Maximum, dry: 80°C/176°F (*see REMARKS overleaf*).

**Availability:** Subject to confirmation.

## PHYSICAL CONSTANTS:

Colours/Shades nos: Orange/50180\*  
Finish: Semi-gloss  
Volume solids: 44%  
Theoretical spreading rate: 11.0 m<sup>2</sup>/litre - 40 micron  
441 sq.ft./US gallon - 1.6 mils  
Flash point: 38°C/100°F  
Specific gravity: 1.0 kg/litre - 8.3 lbs/US gallon  
Dry to touch: 1-2 hours at 20°C/68°F  
V.O.C.: 450 g/litre - 3.7 lbs/US gallon

*\*Other shades according to assortment list.*

*The physical constants are subject to normal manufacturing tolerances.  
Further reference is made to "Explanatory Notes" in the Hempel Book.*

## APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush
Thinner (max. vol.):	08230 (5%)	08230 (15%)	08230 (5%)
Nozzle orifice:	.015"-.018"		
Nozzle pressure:	150 bar/2200 psi ( <i>Airless spray data are indicative and subject to adjustment</i> )		
Cleaning of tools:	THINNER 08230		
Indicated film thickness, dry:	40 micron/1.6 mils		
Indicated film thickness, wet:	100 micron/4 mils		
Recoat interval, min:	2 hours (20°C/68°F)		
Recoat interval, max:	None		

## 2. HEMPEL'S HI-VEE 56540

APPLICATION CONDITIONS:	As dictated by normal good painting practice. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	White, preferably flat HEMPATEX paint or according to specification. HEMPEL'S HI-VEE 56540 is applied on a white surface in order to obtain optimum light reflection.
SUBSEQUENT COAT:	HEMPEL'S HI-VEE LACQUER 06520, which contains ultra-violet radiation absorbing filter.
REMARKS:	As HEMPEL'S HI-VEE 56540 is a thermoplastic product, prolonged mechanical exposure at temperatures above approx. 40°C/104°F may cause film indentation. When temperature drops below, the mechanical strength is recovered. Do not expose liquid paint to temperatures above 40°C/104°F neither during storage nor in connection with application.
Note:	<b>HEMPEL'S HI-VEE 56540 is for professional use only.</b>
SAFETY:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance if swallowed. Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. Apply only in well ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets. Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User. The Products are supplied and all technical assistance is given subject to HEMPEL's GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise.

Product data are subject to change without notice and become void five years from the date of issue.

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