



Product Data

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 warning purposes such as protruding or moving objects, etc.

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

Availability: Part of Group Assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shades nos: Orange/50180*
Finish: Semi-gloss
Volume solids, %: 44 ± 1
Theoretical spreading rate: 11.0 m²/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 stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

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		

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. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.



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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:	HEMPEL'S HI-VEE 56540 is for professional use only.
ISSUED BY:	HEMPEL A/S - 5654050180C0003

*This Product Data Sheet supersedes those previously issued.
For explanations, definitions and scope, see "Explanatory Notes" in the HEMPEL Book.
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