

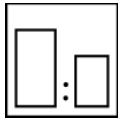
# Technical Information Sheet

Valspar b.v.  
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## SP4499 HS420 Clear Coat 3:1

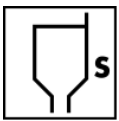
### APPLICATION DATA



**Mixing Ratio**

: **(3 : 1) + 0-5%** If necessary thin with Thinner Medium

(HS420 Clear Coat **SP4499** : HS420 Hardeners **SP2499/ SP2599/ SP2699**) + 0-5% Thinner Medium **SP3199**



**Application viscosity**  
DINCUP 4mm/20°C

: Airspray (sec) : 19

Pressure tank (sec) : -

Airless (sec) : -



Gravity feed  
Suction feed  
Pressure tank  
Airless  
HVLP  
HE

Nozzle diameter (mm)

Spraying pressure (bar)

-

-

-

-

-

-

-

See info manufacturer

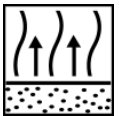
1,2-1,3

2-2.5



**Spray coats / Layer thickness**  
(µm)

: 1½ - 2 / 50-60



**Flash-off (min)**

: 5



**Drying time (min)** 20°C  
60°C obj.

: 16h, **SP2699** → 5h

20 min **SP2699**

25 min **SP2499**

30 min **SP2599**



**Potlife (min)** 20°C

: 20-30

The technical data in these publications are based on our present knowledge and give you an idea of the various applications without obligations.

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## SP4499 HS420 Clear Coat 3:1



### PRODUCT INFO

- Area of application** : For application as a clear top coat.
- Chemical basis** **ClearCoat** : Clear polyurethane varnish based on low viscous resins  
**Hardeners:** Non-yellowing highly durable isocyanate resin
- General qualities** : **SP4499** HS420 Clear Coat 3:1 is a high gloss clear coat.
- Auxiliary materials** : **SP2499:** HS420 Hardener Fast, use at 15-35°C for spot repair. Use at 15-30°C for small and medium-sized objects. Use at 15-25°C for bigger objects.  
**SP2599:** HS420 Hardener Medium, use at 35-40°C for spot repair. Use at 30-35°C for small and medium-sized objects. Use at 25-35°C for larger objects.  
**SP2699:** HS420 Hardener Very Fast, use at 15-30°C for spot repair. Use at 15-25°C for small and medium-sized objects. Use at 15°C for larger objects.  
**SP3199:** Thinner Medium, use at 25-30°C for spot repair. Use at 20-30°C for small and medium sized objects. Use at 15-20°C for larger objects.
- EU regulation**
- VOC code** : **2004/42/IIB(d)(420)(420)**
- Product Subcategory** : IIB/d. Topcoat – All types. EU limit values: 420g/l. (2007)
- (according directive**  
**2004/42/EC) and max.** This product contains a maximum of 420 g/l VOC.
- VOC content (ISO 11980-1/2)**  
**of the ready to use product.**
- Physical properties**
- Specific gravity (kg/l)** : 0,990 (Water = 1)
- Flash point** : Closed cup: 29°C (84,2°F).
- Vol.% solids** : 58
- Economy** : 12 m<sup>2</sup>/L/50 µm
- Gloss** : High gloss
- Colour** : Clear.
- Substrates** : VOC compliant basecoats.
- Undercoats** : n/a
- Finishing materials** : n/a
- Cleaning the equipment** : Gun Cleaner
- Storage life** **Clear Coat/ Thinner** : min. 2 years  
**Hardener** : min. 1 year (\*) Shelf life: Depending on temperature and humidity. Close the tin immediately after use.

(Under normal storage conditions and unopened tins (\*) for up to two years)

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**Version** : 1