

Technical Data Sheet

Permahyd[®] Stone Chip Protector 7100

Permahyd[®] Stone Chip Protector 7100 is a waterborne product, which gives protection against the damage from stone chipping.

It is especially suitable for those areas on passenger cars that are particularly susceptible to stone chipping, such as front parts and door sills. It is highly elastic and can be recoated with all top coats.

This product is for professional painting of vehicles only.



Technical Data Sheet No. 280.0. May. 2011

Copyright© 2011 DuPont. Spies Hecker[®], Raderal[®], Permacron[®], Permahyd[®], Permasolid[®], Priomat[®], and Permaloid[®] are registered trademarks of E.I. du Pont de Nemours and Company for its brands of refinish systems. All rights reserved.

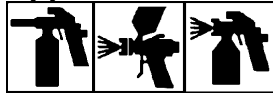
Suitable Substrates: Original or old paintwork (except reversible substrates)
Permacron[®], Permasolid[®] and Permahyd[®] Primers and Surfacers

Substrate pretreatment:



Degrease and sand.
Before further treatment, clean all substrates thoroughly with Permaloid[®] Silicone Removers 7087 or 7010 Slow, Permahyd[®] Silicone Remover 7085, or Permahyd[®] Silicone Remover 7096.



Application:



UBE spray gun with screw thread for disposable containers, or if a finer texture is required, Permahyd[®] Stone chip Protector 7100 can be applied, after reduction with a normal spray gun.

Pot Life: Ready for spraying approx. 60-90 minutes application time at 68°F/20°C

Reducer: Permahyd[®] VE Water 6000

Method of application	UBE 	High pressure spraying 
	Please refer to gun manufacturer and local legislation for proper spray pressure recommendations.	
Spray Nozzle	N/A	1.4 – 2.1mm
Application viscosity 4mm, 68°F/20°C, DIN 4	UBE gun - viscosity as supplied	
	Depends on quantity of reducer added	
Reducer at 68°F/20°C material temperature	Up to 10%	
Number of coats	2 - 3	

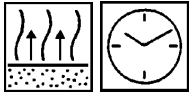
Recommended film thickness: 5 - 12 mils dry film thickness

Special Note: Rinse equipment with water immediately after use

Air drying:

At 68°F/ 20°C
At 68°F/ 20°C

after 2 hours (Up to 6 mil)
Overnight for higher film build

Low bake:

Flash-off time: 40 minutes
Drying time and temperature: 30 minutes at 140°F/60°C metal temperature
Flash times may be accelerated by the addition of heat and / or air flow.

Recoat With: Must be top coated with any Permacron® or Permahyd® system.

Special tips:

1. Permahyd® Stone Chip Protector 7100 can be sanded to desired texture.
2. Allow adequate flash between coats
3. Do not over apply.
4. Do not allow product to freeze

Storage conditions:

Store free of frost! Storage temperature between 42°F/5°C and 95°F/35°C
Temperatures above or below this range lead to loss of product quality.

Important Regulatory Information

Please see the appropriate VOC wall chart for compliance for your area. The values depicted below are "ready to spray."

VOC Category	VOC Regulatory and Actual	Density g/l	Wt% Volatiles, Water & Exempts	Vol% Water & Exempts
Primer Sealer reduced with 10% VE Water	108g/l, 61g/l	1327 g/l	38.4% 33.7, & 0.1%	37.9%,0.2%

- For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components. Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates. Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.**
- Any analytical results set forth herein do not constitute a warranty of specific product features or of the product's suitability for a specific purpose. All products are sold pursuant to our general conditions of sale. We hereby disclaim all warranties and representations, express or implied, with respect to this product, including any warranty of merchantability or fitness for a particular purpose. This product is protected by patent law, trademark law, copyright law, international treaties and/or other applicable law. All rights reserved. Unauthorized sale, manufacturing or use may result in civil and criminal penalties.

SPIES HECKER, INC.
 47818 West Anchor Court
 Plymouth, MI 48170
 Tel. 800-447-7437 (800-44-SPIES)
 Fax 734-354-3405
www.SpiesHeckerUSA.com

