

Technical Data Sheet.

Permasolid[®] HS Hardener 3325 Extra Slow 3320 Slow 3315 Medium 3310 Fast 3309 Extra Fast 3307 Express

Permasolid[®] HS Hardeners are polyisocyanate hardeners for two component products from our "2K-High-Solid System".

Their special formulation ensures excellent dry through, even with air drying.

By selecting the appropriate hardener, ideal results can be achieved at different temperatures and with various sized objects.

This product is for professional painting of vehicles only.



Applications:

Permasolid® HS Hardener 3325 Extra Slow

For complete and partial resprays at temperatures above 85°F/29°C

Permasolid® HS Hardener 3320 Slow

For complete and partial resprays at temperatures between 77°F/25°C - 85°F/29°C

Permasolid® HS Hardener 3315 Medium

For complete and partial resprays at temperatures between 68°F /20°C - 77°F/25°C

Permasolid® HS Hardener 3310 Fast

For partial resprays at temperatures below 68°/20°C

Permasolid® HS Hardener 3309 Extra Fast

For panel repairs and edging parts, at temperatures below 68°20°C

Permasolid® HS Hardener 3307 Express

For small/spot repairs and edging parts at temperatures below 68°/20°C

Mixing ratio:



See relevant Technical Data Sheet for the product concerned.

Storage

Storage conditions:



Protect from dampness.

After use, replace lid immediately, ensuring an airtight seal.

Important Regulatory Information

- **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
47818 West Anchor Court
Plymouth, MI 48170
Tel. 888-371-3313
Fax 734-354-3407

