

Date: March 18, 2011 – Supersedes are previous versions.

VWS0912 GRAINTONE PLUS™ Neutral Glaze Base

PRODUCT NUMBERS

VWS0912

DESCRIPTION/USES

Valspar's GRAINTONE PLUS™ Neutral Glaze Base is a solvent-based glaze that can be used to make custom glazing products for highlighting and accentuating features and distressing or deepening colour development.



PRODUCT ADVANTAGES

- HAPs Free**
- Fast-drying
- Very user-friendly
- Longer open time for workability
- Excellent repairability
- Excellent uniformity of appearance
- Deep colour development
- Can be applied by spray, brush or lint-free cloth
- Excellent anti-settling characteristics
- Unlimited colour options through custom tinting

COMPANION PRODUCTS

LUSTER LAC™ Professional Lacquers, SUPERLAC™ Production Pre-cat, ENVIRO SUPERLAC™, SUPERLAC ELITE™, SUPERLAC PLUS™ Pre-catalyzed Lacquers, SUPERGUARD™ Post-catalyzed Lacquers, ULTRAGUARD™ & PERMAFLEX Conversion Varnishes

PRECAUTIONS

For Industrial use only. Not intended for residential use. This product contains petroleum distillate solvents and materials prone to spontaneous combustion. (See CLEAN-UP portion of this document for important storage and disposal information). Provide adequate ventilation during mixing and application. For interior use only. Always pre-test the system on your substrate and under your line conditions to verify suitability to the application and to avoid potential need for costly refinishing. Valspar Wood Finishes products are designed to protect and enhance the natural beauty of wood, but cannot eliminate natural discoloration or deterioration of wood as it ages.

PHYSICAL PROPERTIES

Viscosity: 25±2" Ford #4
 Weight Solids: 52±2%
 Volume Solids: 38±2%
 Weight / Gallon: 8.52lbs/gal
 Theoretical Coverage: 612.22 ft/gal @ 1 mil dry
 Flash Point: 40°C (~104°F) Closed Cup
 Specific Gravity: 1.02

Air Quality Information

VOC: 4.00lbs/gal of Product
 AIM VOC: 484g/l
 VOC Ratio: 0.90lb VOC/lb solid
 VHAP: 0.00lb VHAP/lb solid
 WHMIS: D2B, D2A, B3

OTHER INFORMATION

Air Dry

To Topcoat ½ to 8h at 26°C (~78°F) 50% RH

Force Dry

To Flash: 10' Flash
 To Bake: 15' at 52°C (~125°F)
 Shelf Life: 12 months from date of manufacture

Catalyzation: n/a
 Pot-Life: n/a
 Reduction: Max. 20% by volume 390-9102*
 Retarder: n/a

Application Equipment:

Use only equipment with plastic, stainless steel, or Teflon coated valves and parts.

Recommended Tip Sizes:

Conventional Air 0.070-0.086
 HVLP 0.070-0.086
 Airless n/a
 Air Assisted Airless n/a

Note: All information provided is typical (as formulated) and will not represent exact values for every product. For specific Air Quality Data for each product, VOC reports are available upon request.

*As allowable within regulatory compliance requirements

FINISHING RECOMMENDATIONS

SURFACE PREPARATION

Wood Preparation: For best results, maple and birch should be sanded using 180 grit silicon carbide sandpaper (minimum) before continuing with finishing procedures. Other substrates should be sanded appropriately before finishing. Wood should be verified as clean and dust free with moisture content of 6–8% prior to finishing. Proper sanding and preparation of the substrate is critical to achieving consistent results.

Ambient Conditions: All dry times listed are as tested under ideal indoor environmental conditions of 26°C (~78°F) with relative humidity not exceeding 50%. These products are recommended for use under temperature conditions of 12–32°C (~55–90°F) and when relative humidity is below 50% during application and drying time. Low temperatures, poor air circulation or high humidity will extend dry times. **Valspar strongly recommends against use of these products if temperatures of air or surface to be coated are below 12°C (~55°F) or below the dew point. Abnormal conditions of temperature or humidity may adversely affect product performance.**

APPLICATION

All products should be stirred well before use and, for best results, continuously agitated while in use. Do not mix with other finishing systems or deviate from these finishing recommendations. Valspar will not be held liable for finish failures resulting from the mixing of products or deviations from finishing recommendations. Sanding should be completed immediately prior to the application of any additional coats.

1) Stain: If desired, stain substrate with GRAINTONE™ Wiping Stain, Valspar GRAINTONE PLUS™ Wiping Stain, or other approved Valspar colour system. Refer to Technical Data Sheet for detailed use instructions.

2) Sealer/Washcoat: Continue with either a washcoat or sealer application. Be certain to follow all application and product instructions. Allow the washcoat or sealer to dry completely before continuing. (Washcoats may be produced by diluting any of Valspar's sealers by 50-200% with 390-7001 Lacquer Thinner). Sand washcoat or sealer prior to glaze application using stearated, silicon carbide sand paper of 240-320 grit.

3) Glaze Preparation: Agitate the GRAINTONE PLUS™ Neutral Glaze Base well prior to use. Adjust for colour by using Valspar Opticolor XP or another approved tint system. Do not add more than 15% pigment by volume to this base. If reduction is desired, reduce with GRAINTONE PLUS™ Neutral Glaze Base or Aromatic 150. Always add solvent and colorant to the base while under agitation. Test color prior to use.

4) Glaze Application: Apply glaze by spray, brush or lint-free cloth on the substrate. Attain desired effect by wiping or brushing the glaze. Allow the glaze to dry appropriately for the amount applied. Dry times will vary, depending on the amount applied and the effect desired, with light applications running 1-2 hours, medium applications from 2-4 hours, and heavy applications from 4-8 hours (as tested under the ideal environmental conditions detailed above.) Do not rush dry times – inadequate drying time will affect adhesion. Do not apply this product direct to wood. Glazes will settle over time. Agitated well before and while in use.

5) Finish: Choose the desired topcoat (companion product to the sealer). Be certain to follow all application and product instructions. Agitate all products (as directed) well before use. If additional coats are required, make certain to follow recoat instructions and allow proper time between applications. Sanding should be completed immediately prior to the applications of additional topcoats. Sanding, glazing and topcoating should occur within the same day to ensure proper adhesion.

IMPORTANT NOTE: System's total dry film build should not exceed 4 mils. A higher build may result in a film breakdown or reduction in performance.

CLEAN-UP

Refer to regulations for specified quantities necessary in a cleaning thinner, or use recommended Valspar Lacquer Thinner to clean equipment. (Remember to verify compliance with all applicable regulations or permits before proceeding with use of any product.) Empty containers, application equipment and clean-up materials may contain product residue, including flammable or explosive vapors or potentially spontaneously combustible material, and must be disposed of in a safe and compliant manner. Refer to Material Safety Data Sheet (MSDS) for further safety and handling information.

STORAGE

Store in a cool, dry place. Close all containers after use. Do not store near heat or sparks. Spills should be cleaned up with non-sparking tools. See the product MSDS for complete safety information.

WARNING

Always pre-test the system on your substrate and under your line conditions to verify suitability to the application and avoid potential need for costly refinishing. All dry times listed are as tested under ideal indoor environmental conditions of 26°C (78°F) with relative humidity not exceeding 50%. These products are recommended for use under temperature conditions of 12°-32° C (~55-90°F) and when relative humidity is below 50% during application and drying time. Low temperatures, poor air circulation or high humidity will extend dry times. **Valspar strongly recommends against use of these products if temperatures of air, material, or surface to be coated are below 12CF (55°F) or below the dew point. Abnormal conditions of temperature or humidity may adversely affect product performance.** Please contact your authorized Valspar Wood Finishes distributor for additional product use recommendations and finishing guidance..

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. The information in this sheet, as well as the products referenced herein, shall be considered "Confidential Information". Wet samples and uncured samples of these products shall be maintained as confidential and shall not be disclosed to any third party without the prior written permission of Valspar. IU-COR-00047