

PRODUCT NAME**Crystalseal Floor and Galley Varnish**

HMG PERFORMANCE COATINGS LLC
 PO BOX 313
 ROEBUCK, SC 29376
 TEL: 1-864-578-6770
 www.hmgmarine.com

Issue Date

01/31/02

Formula Number

R222

Product Code

TOPCRYSTAL

Printed Date

Thursday, August 05, 2004

Page

1

PACKAGING

Available in 1 liter and 5 liter cans

PRODUCT FUNCTION

CRYSTALSEAL is a moisture curing polyurethane coating available in high gloss, and designed for use as a general purpose seal for most flooring and galley substrates. To mimic high gloss polyester finishes or for exterior use, Acrythane A211 Clear 2k varnish (or Acrythane XSC Clear) should be used as a final protective coat, although K Type varnish also provides acceptable protection in a variety of gloss levels. CRYSTALSEAL dries to a finish that offers excellent chemical resistance, adhesion, abrasion resistance and flexibility combined with excellent color retentive properties. It's hardness is exceptional

TECHNICAL INFORMATION

Solids	Approximately 50% by weight
Flashpoint	Between 72°F to 89°F
Specific Gravity	0.96 approximate
Temp Resistance	248°F
Storage	6 months in original sealed containers Contains approximately 3% free isocyanates. Never return "used" varnish to original container. Keep container closed at all times, except when pouring into application container. Once opened, use contents within 7 – 14 days

APPLICATION AND USAGE DATA

Touch dry	2 hours (1/2 hour first coat) @ 72°F
Firm dry	8 hours @ 72°F
Hard dry	2 days @ 72°F
Thinner/Reducer	Acrythane XSC/Polykote Reducer (A788) SLOW or Acrythane XSC Reducer Brushing
Overcoating	Approximately 2 hours depending on ambient temperature. May be overcoated with Acrythane A211 Clear to mimic polyester high gloss finishes
Eqp. Cleaning	Acrythane Reducers or Acetone
Film thickness	2.4 mils WFT gives approximately 2 mils DFT
Coverage	651 Sq. ft. per US Gallon (theoretical) 172 sq.ft per liter
VOC	580g/l (gloss)
Sanding	Wet sand after 4 hours. Dry sand after overnight dry

COLOR RANGE

Pale straw clear.

SPECIAL PROPERTIES

- Excellent abrasion resistance.
- Excellent color retention.
- Good flexibility.
- Good Chemical resistance.

PREPARATION

Floors or other wooden surfaces must be free of all traces of grease, oil, water, solvents and particularly wax or silicone floor polishes. Any existing paint or varnish coating should be thoroughly abraded and trial areas coated (Certain air dried varnishes will react adversely with CRYSTALSEAL). Bare wood should be smooth. Lightly de-nib if appropriate the following day.

Visit www.hmgmarine.com

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. Such information is to the best of HMG's knowledge and belief accurate and reliable as of the date indicated. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. KEEP ALL PAINT PRODUCTS OUT OF THE REACH OF CHILDREN.

PRODUCT NAME**Crystalseal Floor and Galley Varnish****Issue Date**

01/31/02

Formula Number

R222

Product Code

TOPCRYSTAL

Printed Date

Thursday, August 05, 2004

Page

2

**HMG PERFORMANCE COATINGS LLC**

PO BOX 313

ROEBUCK, SC 29376

TEL: 1-864-578-6770

www.hmgmarine.com**HOW TO USE** Brush Paint Pad/Squeegee**APPLICATION**

CRYSTALSEAL can be applied by paint pad, brush, roller, squeegee but spraying is not recommended.

Acrythane XSC/Polykote Reducer (A788) SLOW can be used if necessary or in extremely hot conditions. Acrythane Reducer Brushing may be used. Pour Crystalseal into a separate container for use. Do not pour excess back into original container as the moisture in solvents will continue to cure the virgin Crystalseal. Wipe can and lid prior to resealing otherwise the lid may become "glued" to the can and always close the original can immediately after use.

HEALTH AND SAFETY

- Refer to MSDS and can label prior to use.
- The product contains isocyanates and can cause sensitization by inhalation and skin contact. Wear appropriate safety equipment.
- **KEEP OUT OF REACH OF CHILDREN.**

Visit www.hmgmarine.com

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. Such information is to the best of HMG's knowledge and belief accurate and reliable as of the date indicated. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. KEEP ALL PAINT PRODUCTS OUT OF THE REACH OF CHILDREN.