

**PRODUCT NAME****K Type Varnish Clear**

<b>Issue Date</b>	07/15/03
<b>Formula Number</b>	6400/6500 Series
<b>Product Code</b>	2092, 5092, 5102, 5112
<b>Printed Date</b>	Thursday, August 05, 2004
<b>Page</b>	1



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

**PACKAGING**

Available in 1 liter cans

**PRODUCT FUNCTION**

K TYPE POLYURETHANE is a tough and durable polyurethane varnish for marine applications where the use of 2K systems is impractical or undesirable.

K TYPE POLYURETHANE combines a long wet edge time with quick through drying allowing the largest of vessels to be brushed or sprayed without dusty overspray problems. A full range of clears is available in a range of gloss levels for wood finishing.

K TYPE POLYURETHANE is based on a unique specially formulated blend of polyurethane and chain stopped alkyd resins leading to excellent gloss retention, abrasion resistance, adhesion, toughness, durability and chemical resistance.

K TYPE POLYURETHANE finds uses in the decorative field including interior and exterior wood finishing and also in other applications where its great abrasion resistance, toughness and gloss retention make it a popular choice. It can also be used on floors and in the reduced gloss formats, looks particularly attractive.

It is also possible to accelerate the drying time and improve mechanical properties by the addition of HMG Zip Hardener.

**TECHNICAL INFORMATION**

Solids	Approximately 40% to 55% dependent on color
Flashpoint	Above 90°F
Specific Gravity	0.90 to 1.30 approximately dependent on color
Temp Resistance	250°F
Storage	12 Months in original sealed containers

**APPLICATION AND USAGE DATA**

Touch dry	2 hours @ 72°F
Hard dry	8-16 hours @ 72°F
Thinner/Reducer	K Type Reducer
Overcoating	4 hours minimum, maximum indefinite
Eqp. Cleaning	HMG K Type Reducer
Max dilution	Up to 30% with K Type Reducer
Film thickness	2 Mils WFT gives approximately 1 mil DFT
Coverage	800 Sq/ft per gallon (theoretical)
VOC	385g/l
Sanding	Wet sand after 12 hours and dry sand possible after 18 hours

**COLOR RANGE**

Clear Gloss, Classic Clear Gloss, Clear Semi-Gloss, and Clear Matt

**SPECIAL PROPERTIES**

- Good long wet edge / through dry / excellent durability and abrasion resistance.

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## PREPARATION

May be applied over most well prepared wood surfaces or existing varnishes.

## HOW TO USE

- |   |                                 |                                    |
|---|---------------------------------|------------------------------------|
| <input type="checkbox"/> Airless            | <input type="checkbox"/> Brush  | <input type="checkbox"/> HVLP      |
| <input type="checkbox"/> Conventional Spray | <input type="checkbox"/> Roller | <input type="checkbox"/> Paint Pad |

## APPLICATION

K TYPE can be applied by spray, brush or roller. Conventional spray is best approximately 30 - 50 seconds Zahn 2 Cup @ 72°F., which is generally achieved by the addition of 20% of HMG K Type Reducer.

Hot Spraying: This is best carried out @ 120-140°F, no thinner is normally required although up to 10% of K Type Reducer may be used in hot weather.

Brushing: K TYPE gives excellent brushability due to its long wet edge time. HMG K Type Reducers can be used to increase the wet edge over very large panel areas and are always a recommended addition. For first coat application, up to 30% HMG K Type Reducer may be added.

Roller: A technique used mainly for very large areas such as floors and walls. Up to 20% of HMG K Type Reducer may be added to facilitate easier rolling.

## HEALTH AND SAFETY

- Refer to MSDS and can label prior to use.
- The product contains white spirit and presents an aspiration hazard.
- Respiratory protection should be worn when spraying.
- **KEEP OUT OF REACH OF CHILDREN.**

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