

64MJB : BASE 64MJ9: CURING AGENT 940JB

Description:	Acrylithane™ C-HS Polyurethane is a two component, high performance polyurethane topcoat formulated for spray usage in areas requiring VOC less than 2.8 lbs./US gallon. It offers a high quality appearance with exceptional color and gloss retention while maintaining quick dry performance in a manageable pot-life.
Recommended use:	For use on automobiles, trucks, trailers, bulk tanks, chemical trailers and commercial architectural applications that require a premium topcoat appearance.
Features:	Excellent gloss and color retention Resistant to chemical spills / splashes Fast Dry Low VOC
Service temperatures:	Maximum dry service exposure: 120°C/248°F
Availability:	Not included in Group Assortment. Availability subject to confirmation.

Physical constants:

Color/Shade no.:	White/10000* (JB 45010)
Finish:	High Gloss
Volume solids, %:	53 ±1
Theoretical spreading rate:	21.2 m ² /l - 25 μ850 sq. ft./US gal. - 1 mil
Flash point:	5°F/-15°C
Specific Gravity:	1.2 kg/liter – 10.2 lbs/US gallon
Dry to touch:	5 hours at 20°C/68°F
Dry to handle:	10 hours at 20°C/68°F
Viscosity:	15–20" / Zahn 3
VOC content:	333 g/liter – <2.8 lbs/US gallon

*The physical constants stated are nominal data according to the Hempel Group's approved formulas.
Wide range of colors available via Acrylithane™ HS Tint System.

Application details:

Version, mixed product	64MJB
Mixing ratio:	BASE 64MJ9 (JB 45010) : CURING AGENT 940JB (JB 99979) 8:1 by volume
Application method:	Airless spray / Air spray / Brush & Roll
Thinner (max.vol.):	0832 (JB 21092) Med. Reducer: 0–5% / 5–15% / 08DJ9 (JB 21099) 2–4oz.
Pot life:	2 hours at 20°C/68°F
Nozzle orifice:	0.011" – 0.013" (airless) / 0.110" or 2.8 MM fluid cap (air spray)
Nozzle pressure:	138 bar [2,000 psi] <i>(Airless spray data are indicative and subject to adjustment)</i>
Cleaning of tools:	Medium Reducer 0832
Indicated film thickness, dry:	38 – 75 μ / 1.5 – 3.0 mils (see REMARKS overleaf)
Indicated film thickness, wet:	75 – 150 μ / 3.0 – 6.0 mils
Overcoat interval, min:	3 hours (20°C/68°F); 2.5 hours w/ 1.0 oz./mixed gallon of 99056 accelerator (formerly JB 99011)
Overcoat interval, max:	See REMARKS overleaf

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Hempel Safety Data Sheets and follow all local or national safety regulations.

Surface preparation:	Prime according to specification.
Application conditions:	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Use only where application and curing can proceed at temperatures above: 7°C/44°F. The temperature of the paint itself should be: 15–25°C / 59–77°F. In confined spaces provide adequate ventilation during application and drying. Thinning may be necessary in the case of very long spray hoses and/or paint temperatures below 15°C/59°F. This will cause lower film build and longer drying time. Alternate reducers such as Acetone may be used to reduce product without adding VOC's.
Preceding coat:	According to specification. Recommended systems are: Ureprime® 2.8, Chem-O-Gard Low VOC Primer, or Chem-O-Pon Low Voc Epoxy Primer.
Subsequent coat:	None, according to specification, or Acrylithane™ C-HS.
Remarks:	<p>Mixing: Mix thoroughly before use. Add 1 pint of catalyst to a 1 gallon of ACRYLITHANE™ C-HS (8:1) and mix thoroughly again. Only apply when air and surface temperature are between 44 - 100°F.</p> <p>Thinning: Add 08EJB (21102 Fast Spray Reducer) as required. When temperature is over 70°F, use 08320 (21092 Medium Reducer). Add 08BJB (21093 Slow Reducer) to reduce dry spray and orange peel, if required. 085JB (21078 Special Urethane Retarder) can be added to help add a wet edge for spraying large parts.</p> <p>Brush/roller: Add 2-4 oz. of 08DJB (formerly JB 21099). Use a solvent resistant bristle brush, and a ¼" nap solvent resistant core roller cover.</p> <p>Drying: Under normal conditions, dries to touch in 5 hours and dries for overcoat in 3 hours for spray applications. Low temperature, high humidity, poor ventilation and thick films will retard drying. Addition of 99056 accelerator (formerly 99011) at the rate of 1.0 fl. /oz. per mixed gallon will shorten dry times to spray overcoat at 2.5 hours and to touch at 2.5 hours. The addition of 99056 of 2.0 oz. per mixed gallon will result in an overcoat time of 1.5 hours and to touch in 2.0 hours.</p> <p>Pot life: Approximately 2 hours after mixing. Mix only the amount of material that can be used in 2 hours. Pot life is decreased with an increase in temperature. Mixed material should be kept in as cool a location as possible. Flush mixed material from pressure pot and lines immediately after use.</p> <p>Clean Up: Clean paint tools or spills immediately with 08320 (21092 Medium Reducer), MEK, or lacquer thinner carefully observing cautions on paint and thinner labels. Dried paint may need to be removed by scraping.</p>
Overcoating:	Sanding is recommended if overcoating after 2 weeks.

Note: Acrylithane™ C-HS Polyurethane is for professional use only.

Issued by: Hempel (USA) – 64MJB10000

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on hempel.com. Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

The Products are supplied and all technical assistance is given subject to Hempel's general conditions of sales, delivery and service, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said general conditions for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.