

Kit Code: 647J2; Base 647J9; Curing Agent 97050

Formerly Jones-Blair 4300-029

Description:	Acrylithane HS2 QuickClean is a clear polyurethane topcoat specially formulated for use in applications that require a high degree of surface slip.
Recommended use:	Can be used as a barrier coating to ease removal of graffiti. Allows easy cleaning of equipment such as cement trucks and buildings or provide a high slip and low coefficient of friction surface for dry bulk material container surfaces.
Features:	Very low surface energy (non-stick). Abrasion resistant. Excellent gloss retention. Skydrol resistant. Low VOC, < 2.8 lbs./gallon.
Service temperatures:	Maximum continuous dry service exposure: 250°F/121°C.

Physical constants:

Color/Shade code:	Clear/00000
Finish:	High gloss
Volume solids:	61% ± 1
Theoretical spreading rate:	650 ft ² /US gallon [15.96 m ² /liter] – 1.5 mils [38 microns]
Flash point:	67°F/20°C
Specific gravity:	8.3 lbs/US gallon [1 kg/liter]
Touch dry:	4 hours, 68°F/20°C
Through dry:	5 hours, 68°F/20°C
VOC content:	325 g/liter [2.8 lbs/US gallon]

The physical constants stated are nominal data according to the Hempel Group's approved formulas. VOC may be dependent on color.

Application details:

Product / Mix ratio:	Base 647J9 : Curing agent 97050/ 3 : 1 by volume
Application method:	Airless spray / Air spray / Brush or Roller
Thinner (max. vol.):	08320 (0 – 5%) / 08320 (5 – 15%) / 08DJB (1oz – 2oz per mixed gallon)
Pot life:	4 hours, 68°F/20°C
Nozzle orifice:	0.011" – 0.013" airless / 0.110" or 2.8 MM fluid cap conventional
Nozzle pressure:	2,000 psi [138 bar] <i>(Airless spray data are indicative and subject to adjustment)</i>
Cleaning of tools:	08320 Medium Reducer
Indicated film thickness, dry:	1.5 – 1.7 mils [38 – 44 microns]
Indicated film thickness, wet:	2.3 – 3 mils [60 – 75 microns]

Application conditions:	<ul style="list-style-type: none">• Surface must be completely clean and dry at the time of application.• Ensure adequate ventilation.• Air and surface temperature must be above the dew point to avoid condensation.• Paint temperature should be between 59°F – 77°F [15°C – 25°C] for best performance.• Only apply when air and surface temperature are between 44°F/7°C.• Thinning may be necessary when using 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.
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Preceding coat: According to specification. Recommended system is: Acrylithane HS2.

Subsequent coat: None.

Overcoating: Not recommended due to surface tension of the dried coating. If overcoating is necessary, sand and roughen the surface until the surface is dull to help with adhesion.

Repair/maintenance:

- Remove oil and grease etc. thoroughly with suitable detergent.
- Remove salts and other contaminants by high pressure fresh water cleaning.
- Clean damaged areas thoroughly by power tool cleaning to SSPC-SP 11 (or St 3, ISO 8501-1), or by abrasive blasting to SSPC-SP 6 (or Sa 2, ISO 8501-1), preferably to SSPC-SP 10.
- Feather edges to sound and intact areas.

Additional information:**Additives:**

- 08EJB (21102 Fast Spray Reducer): For viscosity adjustment in non-VOC restricted areas.
- 08DJB (21099 Brush/Roll Additive): Can help application when brushing/rolling.
- 99056 Accelerator may be added at the rate of up to 1.0 fl oz per mixed gallon to reduce the drying time.

Storage/shelf life:

- Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C.
- Shelf life: 647J9, 3 years; 97050, 2 years.

Safety:

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

Note:

Acrylithane HS2 QuickClean is for professional use only.

Issued by:

Hempel (USA) – 647J2

This Product Data Sheet ("PDS") relates to the supplied product ("Product") and is subject to updating from time-to-time. Accordingly, the buyer/applicator should have regard to the PDS supplied together with the relevant batch of the Product (and not an earlier version). In addition to the PDS, the buyer/applicator may receive some or all of the following specifications, statements and/or guidelines as listed below or as are available from the Hempel website under 'Products' at www.hempel.com (the "Additional documents"):

No.	Document description	Location/comments
1.	Technical Statement	One-off specific advice provided on request for specific projects
2.	Specification	Only issued for specific projects
3.	PDS	This document
4.	Explanatory Notes to the PDS	Available at www.hempel.com and contain relevant information about the Product testing parameters
5.	Application Instruction	Where available, at www.hempel.com
6.	Generic technical guidelines (e.g. on application and surface preparation)	Where available, at www.hempel.com

In the event of a conflict of information between the PDS and the Additional documents, the order of priority of information shall be in the order as set out above. In such event you should also contact your representative at Hempel for clarification. Furthermore, the buyer/applicator must have full regard to the relevant Safety Data Sheet provided with each Product and which can also be downloaded from www.hempel.com.

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