

October 31, 2017

CERTIFICATION

We hereby certify that samples of the material identified below by batch number, have been analyzed in accordance with test methods that meet and/or exceed the detection limits for fluoride, chloride, and sulfur per ASME Boiler and Pressure Vessel Code, Section V, Article 6, paragraph T-641, 1998 - 2017 Editions and addenda, with the following results:

	FLUORIDE	CHLORIDE	SULFUR
	ASTM E165	ASTM E165	ASTM E165
	<u>ANNEX A4</u>	<u>ANNEX A4</u>	<u>ANNEX A4</u>
DUBL-CHEK BY-LUX	<0.0001%BW	<0.0001%BW	<0.0001%BW
BATCH NO. 727-J40			

We further certify that this material meets or exceeds the requirements of AMS 2644, MIL-I-25135, Revision E and ASTM E1417.

Copies of the certification and laboratory reports are on file in our office for your inspection.

SHERWIN INCORPORATED



Emad Assar
R&D Chemist

Revision: August 2001

CERTIFICATE OF CONFORMANCE

Date: October 31, 2017

Product: By-Lux

Batch No.: 727-J40

It is hereby certified that this material has been manufactured in accordance with, and conforms to, Sherwin Inc. specifications.

<u>Test Method Paragraph</u>	<u>Test Description</u>	<u>Results</u>
3.3.3	Flash point i.a.w. ASTM D93	>230°F
3.3.4	Viscosity i.a.w. ASTM D445 at 100 ± 1°F	5.44 cSts
3.3.8.6	Removability	Conforms
---	Chloride content i.a.w. ASTM E165, Annex 4	<0.0001 %BW
---	Fluoride content i.a.w. ASTM E165, Annex 4	<0.0001%BW
---	Sulfur content i.a.w. ASTM E165, Annex 4	<0.0001%BW

SHERWIN INCORPORATED



Emad Assar
R&D Chemist

Revision: January 2000