

## IsoCoat NLS 7069

IsoCoat NLS 7069 is an aromatic, two-component, polyurea coating. IsoCoat NLS 7069 is a fast reacting coating typically used to coat marine equipment requiring excellent impact resistance and abrasion resistance, such as, buoys.

### APPLICATIONS

- Marine Equipment

### PRODUCT ADVANTAGES

- Abrasion resistance
- Excellent impact strength
- Fast gel time
- Fast hardness development

\*Values given are not intended to be used in specific preparation

### Component Properties

Specific Gravity - 74°F, ISO	0.99 - 1.20
Specific Gravity - 74°F, POL	0.99 - 1.10
Viscosity - ASTM D-2196 - 74°F, ISO	2500 - 4700 cps
Viscosity - ASTM D-2196 - 74°F, POL	300 - 800 cps

### Reactivity Profile

Ratio by Weight - ISO:POL	3.167 : 1.0
Ratio by Volume - ISO:POL	3 : 1
Pot Life - 100g	30 - 60 Seconds
Gel Time - 100 gram sample, 74°F	2 - 3 Minutes
Sprayed Gel Time	2 Minutes
Full Cure	24 Hours

### Typical Physical Properties

Hardness - ASTM D2240 - Shore A	75 - 80 Shore A
Tensile Strength - ASTM D412	1500 - 3700 psi
Elongation - ASTM D412	200 - 550 %

### RECOMMENDED HANDLING INSTRUCTIONS

Isotec<sup>®</sup> International's Recommended Application and Handling Instructions

- Use only in well-ventilated areas.
- Wear chemically resistant rubber gloves, safety glasses, and an apron.
- Avoid prolonged or repeated contact with skin.
- In case of skin contact, wipe affected area with isopropyl alcohol, followed by soap and water.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.

Always mix/roll POL side prior to use to ensure a homogenous product.

### STORAGE

Protect Iso and Pol side from moisture. If the Iso side material is exposed to moisture, including moisture from the air, it will release CO<sup>2</sup> gas. If placed in a sealed container, this gas can cause a dangerous build up of pressure potentially resulting in injury or death. If the Pol side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied. IsoCoat NLS 7069 Iso and Pol containers should remain closed when not in use. IsoCoat NLS 7069 containers should be capped with nitrogen or an inert gas after each use.

### SAFETY

- Refer to the product SDS for all relevant safety information.

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Since Seller exercises no control over Buyers application or use of the product manufactured by Seller ("product") and since materials used with the product may vary, it is understood that:

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OR MECHANABILITY OR FOR ANY PARTICULAR PURPOSE. While all data presented in Seller's technical data sheet is based on the best information available to Seller and believed correct, such data is not to be construed as a warranty that the product will conform to such specifications. Such technical data sheets are subject to change without notice. Reported laboratory test results of fire redundancy in no way relates to the actual performance under fire conditions. Since all urethane systems are organic, they will burn.
- Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Since all aromatic urethanes experience color degradation upon ultraviolet light exposure, Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic urethane systems manufactured or sold by Seller.
- The liability of the Seller shall not exceed the purchase price and the Buyer shall not be entitled to nor the Seller be liable for any consequential, incidental, indirect or special damages resulting in any manner from the furnishing of the product.

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