

DOLPHIN 6075

LoVisc CorrosionBloc™, Aluminum

DESCRIPTION: This oleoresinous, air dry, lap joint sealant is unsurpassed in preventing corrosion including preventing galvanic corrosion between dissimilar metals. Thin skin forms on the exposed sealer through oxidation to permit painting while the non-exposed sealer remains “wet”, flexible, and elastic. In service, this sealer withstands vibration, flexing, and thermal expansion and contraction. This product is formulated to permit drilling through the sealer in riveted assemblies without “stringing” or “cobwebbing”. Because it remains wet internally, removing and replacing damaged panels is facilitated. This sealant is waterproof, acid and caustic resistant, and does not bleed into or through epoxy or urethane finishes; it is not affected by normal urethane topcoat bakes. **DOLPHIN** has more than half a century of experience in producing similar sealers for the builders of intercity coaches, transit buses, and trucks. This product is formulated with solvents acceptable under environmental protection requirements such as “Rule 66”.

APPLICATION: DOLPHIN 6075 can be applied by brushing or spraying. The sealer is unaffected by paint bakes up to 195° F (90° C). Excess material may be wiped off with mineral spirits or paint thinner to clean up tools and equipment.

PROPERTIES:

Specific Gravity:	1.26 - 1.32
Color:	Aluminum
Solids:	66% - 70%
Flash Point, Seta Flash CC: ASTM D 3278	105°-114° F

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Dry Time @ 68° F; 50% RH
ASTM D 1640; .125" thick

96 hours set to touch
Does not dry through

**THE FOLLOWING TESTS WERE PERFORMED
AFTER DRYING 21 DAYS @ 68° F (20° C); 50% RH**

Adhesion, Peel:
ASTM C 794; 180

3 lbs./in from CRS
3 lbs./in from Aluminum

Low Temperature Flexibility:
ASTM C 711; .5" mandrel @ -20° F
(-29° C)

No cracking
No loss of adhesion

Effects of Heat Aging:
ASTM C 792; 336 hours @ 158° F
(70° C)

Flexibility maintained
No loss of adhesion

Humidity Resistance:
ASTM D 2247; 1000 hours @
100° F (38° C); 100% RH

No corrosion under sealer
No loss of adhesion

Salt Spray Resistance:
ASTM B 117; 2000 hours

No corrosion under sealer
No galvanic reaction between
Aluminum and steel

Flammability:
MVSS-302

Pass
Burn rate less than 2"/min.

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