

DOLPHIN 6558

UVR SCHOOL BUS YELLOW ElastiSeal™

DESCRIPTION: DOLPHIN 6558 is a tough, thermoplastic rubber adhesive/sealer with extra stabilizers for exterior applications. These stabilizers improve the ability of this compound to withstand exposure to sunlight, salt spray, and high temperatures. This adhesive/sealant is color matched to the national standard for yellow paints used by school bus manufactures. When used to seal leaks or when doing repairs, this sealant blends in with the paint color for a better finished appearance. This sealant bonds to a wide variety of substrates; these include glass, fiberglass, steel, aluminum, rubber, and most primed and painted surfaces. **DOLPHIN 6558** elastomeric sealant has found wide use in school bus assembly; it is frequently used to seal along the side rub rails and to stop water leaks. This product may be painted over, if necessary; paint adheres well and it will not discolor finishes. In service, this adhesive/sealer provides bond strengths as high as many “structural” adhesives with the ultimate in flexibility, even when exposed to extremely low temperatures.

APPLICATION: DOLPHIN 6558 is normally supplied in standard caulking cartridges for use in hand or air powered guns; it may be ordered in ones, fives, or drums. The sealer skins over quickly after application but will not cure in the cartridge between jobs. Paint may be applied as soon as a skin forms. Clean tools with toluene or xylene.

PROPERTIES:

Specific Gravity:	.94 – 1.0
Solids:	63 – 68%
Flash Point, Seta Flash CC: ASTM D 3278	40 - 50° F
Sag Resistance:	No sag with .25” bead
Dry Time @ 68° F; 50% RH ASTM D 1640; .125” thick	10 minutes set to touch 36 hours through dry

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

Low Temperature Flexibility: ASTM C 711; 2.5" mandrel @ -20° F (-29° C)	No cracking No loss of adhesion
Effects of Heat Aging: ASTM C 792; 168 hours @ 158° F (70° C)	No discoloration No loss of adhesion
Humidity Resistance: ASTM D 2247; 250 hours @ 100° F (38° C); 100% RH	No corrosion under sealer No loss of adhesion
Salt Spray Resistance: ASTM B 117; 250 hours	No corrosion under sealer No loss of adhesion
Flammability: MVSS-302	Pass Burn rate less than 1"/min.

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