



Insl-Cap™ Lead Encapsulating Compound EC-3110

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Elastomeric Thermoplastic Water Based	Eggshell	150 - 200 Sq. Ft. Per Gallon*	Brush, Roller or Airless Spray	Not Recommended	Warm Soapy Water
Dry Time:		Tack Free: 2 Hrs.		Full Cure: 7 Days	
		Recoat (w/ EC3110): 12 Hrs.			
		Topcoat: 24 Hrs.			

PRODUCT NAME: EC-3110 Insl-Cap™ Lead Encapsulating Compound	Insl-Cap™ is a heavy-bodied, water based coating designed to create a safe barrier over lead containing paints. Insl-Cap™ conforms to all of the requirements of the Commonwealth of Massachusetts Encapsulation Product Performance Protocol, Department of Public Health (Reg. #DL-10019). National Standards ASTM E1795-04 approval pending. Also, Insl-Cap™ contains Bitrex, a bitter tasting, anti-ingestant, which deters children from oral contact.				
WHERE TO USE:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Interior</td> <td>To be used as a remedial alternative to removal of lead painted surfaces. Not intended for use on toys.</td> </tr> <tr> <td>Not for exterior use.</td> <td>NOT FOR IMMERSION SERVICE.</td> </tr> </table>	Interior	To be used as a remedial alternative to removal of lead painted surfaces. Not intended for use on toys.	Not for exterior use.	NOT FOR IMMERSION SERVICE.
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SURFACE PREPARATION:	Surface must be clean and contaminant free, conduct cross hatch adhesion test (ASTM D3359) on existing paint. Result must be a minimum of 4S. Previously Painted Surfaces: No primer is needed if surface is in good condition. Clean as needed. Ferrous Metal: Prime bare spots with metal primer.				
COLORS:	Insl-Cap™ is available in White only. Do not tint.				
*NOTE ON SPREAD RATE:	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.				
APPLICATION:	Two coats of Insl-Cap™ (at 150-200 sqft per gallon) are recommended for proper encapsulation properties. Insl-Cap™ applies easily with a quality brush or roller. It can also be applied with an airless sprayer. Stir product thoroughly before using. It is important to maintain a wet edge during all methods of paint application by brushing or rolling into previously applied coating area. Apply when surface and ambient temperature are above 55° F and below 90° F. Avoid paint application outside when weather conditions are threatening, and late in the afternoon when there is a threat of moisture condensing on wet paint. Do not paint if surface temperature is within 5° F of the dew point. Brush: Synthetic Bristle only. Roller: ¾" to 1" Nap Synthetic Roller				
RESIN TYPE:	Elastomeric Thermoplastic Water Based Copolymer				
SOLIDS:	Weight – 52.2 ± 1.0% Volume – 40.2 ± 1.0%				
WEIGHT PER GALLON:	10.4 lbs.				
VISCOSITY:	100 – 110 KU (Krebs Units)				

TAB #12
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Rev. 03/09

FLASH POINT:	200° F or greater (TT-P-141, Method 4293)	
SPECULAR GLOSS:	5 – 15 units @ 60 deg.	
SAG RATING:	Meets 10+ rating	
REC. FILM THICKNESS:	Wet:	8 to 10 mils
	Dry:	3.2 to 4.0 mils
PERFORMANCE PROPERTIES:	<p>Direct Impact Resistance (ASTM D2744) 160 in./lbs.</p> <p>Adhesion (ASTM D3359) 5A</p> <p>Intercoat Adhesion (ASTM D3359) Encapsulant Under Flat Latex - 5A Encapsulant Under Encapsulant - 5A</p> <p>Tabor Abrasion (ASTM D4060) 90.1% Retained (cs#17 wheel, 1000 g load, 1000 cycles)</p> <p>Flexibility (Elongation) (ASTM D522) 32%</p> <p>Distilled Water Resistance (ASTM D1302) No Effect - Adhesion 5A (24 hr Immersion/2 hr Recovery)</p> <p>Scrub Resistance (ASTM D2486) 2550+ cycles</p> <p>Mildew Resistance (ASTM D3273) 10 Rating</p> <p>Surface Burning Characteristics (ASTM E84) <ul style="list-style-type: none"> • Flame Spread Index -0.10 • Smoke Development Rating - 0 • Meets Class A requirements </p> <p>Chemical Resistance (ASTM D1308) <p>50% Ethanol - No Effect</p> <p>Vinegar - No Effect</p> <p>5% Sodium Hydroxide - No Effect</p> <p>5% Citric Acid - No Effect</p> <p>5% Hydrochloric Acid - No Effect</p> <p>Shortening - No Effect</p> <p>Cola Beverage - No Effect</p> <p>Nail Polish Remover (Acetone free) - No Effect</p> <p>Lubricating Oil - Slight Gloss Change</p> <p>Household Cleaner - No Effect</p> </p> <p>Water Vapor Permeability (ASTM D1653) 0.08 perms</p> <p>Viscoelastic Properties (ASTM D2370) Tensile Strength - 586 psi Elongation - 297%</p>	
CAUTIONS:	<p>CAUTION</p> <p>Use only with adequate ventilation.</p> <p>Ensure fresh air during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use.</p> <p>First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed, get medical attention immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p style="text-align: center;">Obtain and read the MSDS prior to using this product.</p> <p style="text-align: center;">KEEP OUT OF REACH OF CHILDREN</p>	
VOC/VOS STATEMENT:	This product contains a maximum of 50 grams VOC/VOS per liter of coating. (0.43 pounds per gallon).	
OTC CATEGORY:	This product is compliant under the Ozone Transport Commission regulations as a Non-Flat Finish.	