



**IAB 2  
ADS 325  
LOW VOC  
Polyurethane Rust Inhibitive  
Semi-Gloss Enamel  
1213 Line**

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Cure
Urethane Alkyd	Semi-Gloss	400 Sq. Ft. Per Gallon	Brush, Spray or Short Nap Roller	* See Note	Mineral Spirits	1-2 Hours	24 Hours	10 Days
<b>PRODUCT NAME:</b> 1213 Line Low VOC Polyurethane Rust Inhibitive Semi-Gloss Enamel		Low VOC Semi-Gloss Polyurethane Enamel is designed to meet the stringent durability requirements of the industrial maintenance market while retaining the qualities so necessary to the amateur painter. . ease of application, tenacious adhesion and excellent appearance. Low VOC Semi-Gloss is formulated with rust inhibitive pigments and can be used for direct to metal applications on clean ferrous metals in normal atmospheric exposures. This product conforms to current EPA VOC Regulations as well as those established by most states, countries & other political subdivisions.						
<b>WHERE TO USE:</b>		Wood Interior-exterior. Polyurethane Semi-Gloss is ideal for painting ferrous Metal metal surfaces such as equipment, railings, cat walks, doors, bins, Masonry hoppers or any metal surface where rust prevention is important. May Drywall also be used to paint walls, trim, floors, furniture, garden equipment, etc. Do not use as a house paint on wood siding.						
<b>Surface Preparation:</b>		Surface to be painted must be clean and free of dirt, chalk, wax, grease, rust or flaking paint. Dirt and chalk should be removed by power washing thoroughly. Wax should be removed with a commercial wax stripper or by solvent cleaning. Grease and oil should be cleaned by using Sur-prep 1. Rust must be removed by hand sanding vigorously or by conscientious power tool cleaning. Remove loose paint by scraping. Feather sand rough edges to insure a smooth finish coat. Glossy surfaces must be dulled by lightly sanding. Remove sanding dust before paint application. Any exposed substrate should be spot primed with the appropriate primer. Priming: (New or bare surfaces) Plaster/Drywall - No. 50 Wood – Use O’Leary Undercoat 37-11. Masonry – Use O’Leary Masonry Sealer 48-11. Ferrous Metal – Use O’Leary Primer 35-111, 35-147, 35-XXX. Non-Ferrous Metal – Use O’Leary Primer 100-10. Galvanized – Use O’Leary Primer 100-10 or 36-11.						
<b>Application:</b>		Stir Low VOC Semi-Gloss thoroughly with a circular, lifting motion to secure even pigment dispersion. Roller – Use a short nap mohair type cover. Brush – Use a natural hair bristle brush for best results. Spray – May be sprayed using conventional or airless equipment. For best results use quality applicator tools. Do not sacrifice good results by using inexpensive tools. Apply only when surface and air temperatures are between 45° F and 95° F.						
<b>*Note</b>		Thinning may cause the resulting moisture to exceed the VOC limitations permitted by certain states, countries or other political subdivisions for this type of material. For this reason, thinning is not recommended.						
<b>NOTE: Formulated without mercury or lead.</b>								

<b>Resin Type:</b>	Urethane Alkyd												
<b>Solids:</b>	Weight – 72.7% Volume – 53.7%												
<b>Weight Per Gallon:</b>	10.73 lbs.												
<b>Viscosity:</b>	80 ± 5 (Krebs Units)												
<b>Flash Point:</b>	102°F												
<b>Specular Gloss:</b>	65% ± 5% @ 60 Degrees												
<b>Sag Rating:</b>	Pass 8 mils (Lenetta)												
<b>Recommended Film Thickness:</b>	Wet – 3.5 to 4.0 mils Dry – 1.8 to 2.5 mils												
<b>Light Reflectance:</b>	95% (White or lightest colors)												
<b>Cautions:</b>	<p><b>CAUTION! Combustible</b>  <b>Contains Mineral Spirits</b>  Keep away from heat &amp; flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Close container after each use. Avoid contact with skin. Use with adequate ventilation. <b>NOTICE:</b> Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain &amp; nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.</p> <p style="text-align: center;"><b>KEEP OUT OF REACH OF CHILDREN</b></p>												
<b>VOC – VOS Statement:</b>	This product contains a maximum of 3.2 pounds VOC/VOS per gallon of coating.												
<b>Chemical Abstract Number</b>	<table border="0"> <tr> <td><b>INGREDIENT:</b></td> <td><b>CAS. NO.</b></td> </tr> <tr> <td>Titanium Dioxide</td> <td>13463-67-7</td> </tr> <tr> <td>Calcium Boro Silicates</td> <td>59794-15-19</td> </tr> <tr> <td>Alkyd Resin, Polyurethane Modified</td> <td>Proprietary</td> </tr> <tr> <td>Aluminum Silicate</td> <td>22708-90-3</td> </tr> <tr> <td>Mineral Spirits</td> <td>8052-41-3</td> </tr> </table>	<b>INGREDIENT:</b>	<b>CAS. NO.</b>	Titanium Dioxide	13463-67-7	Calcium Boro Silicates	59794-15-19	Alkyd Resin, Polyurethane Modified	Proprietary	Aluminum Silicate	22708-90-3	Mineral Spirits	8052-41-3
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<b>Federal Specification:</b>	1213 Line meets the performance requirements of TT-E-490. 1213-36 (tinted) meets the performance requirements of TT-E-485.												