



Head Office
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9000 DTM (Direct to Metal)

Material Description

A self priming, high quality, fast dry enamel, providing a full gloss with excellent impact resistance and weatherability. Available in a wide range of custom colors.

Intended Applications

For use on equipment, machinery, piping and other metals in industrial atmospheres.

| | |
|--------------------------|--------------------|
| Colors Available | Finish |
| Various colors available | Gloss 85+ @ 60 deg |

Physical Properties

| | |
|---------------------|---|
| Resin System | Pigment System |
| Alkyd resin | Anti-corrosion pigment and various pigments dependent on color. |

| | |
|-------------------------------------|---|
| Solvent System | Packaged Viscosity |
| Aliphatic and aromatic hydrocarbons | 8.0+/-0.5 Poise @25C depending on color |

| | |
|---------------------------|---------------------------|
| Solids by Weight | Solids by Volume |
| 43-53% depending on color | 33-43% depending on color |

| | |
|---|--------------------------------|
| Theoretical Coverage | Total VOC |
| approx 158 - 174 sq ft/L Depending on Color | 500-550 g/L Depending on Color |

| | | |
|---------------------------|---------------------------|--------------------------------|
| Wet Film Thickness | Dry Film Thickness | Specific Gravity |
| 10.0 - 15.0 mils | 4.0 - 6.0 mils | 0.96 - 1.12 depending on color |

| | | |
|-----------------------|------------------------|----------------------------------|
| Dry to Touch * | Dry to Handle * | Dry to Recoat * |
| 30 minutes | 2 hours | Before 1 hour and after 24 hours |

| | | |
|-----------------------|-------------------|-----------------------|
| Coats Required | Components | Pot Life Hours |
| 1-2 | 1 | N/A |

| | |
|------------------------------|-----------------|
| Recommended Thinners | Use With |
| Xylene or TS-28 Slow Reducer | N/A |

Additional Application Notes
 * Times listed are at 25°C. Temperature and humidity will affect dry and recoat times.



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Required Surface Preparation and Application Parameters

| | | | |
|--------------------------------|--|----------------------------|-----------------|
| Surface Preparation | Surfaces must be free of dirt, grease, and oil. Steel surfaces must be thoroughly cleaned, a minimum SSPC SP-3 power tool cleaning is required. | | |
| Atmospheric Conditions | Surface and product temperatures must be at least 10 deg C (50 F) and at least 3 deg C (5F) above dew point. Apply in dry weather when relative humidity is less than 85%. | | |
| Blend Ratio | N/A | | |
| Induction Period | N/A | | |
| Reduction | Airless (5-10%) / A.A. Airless (10-20%) | | |
| Application Viscosity | Airless (28" Z #2) / A.A. Airless (24" Z #2) | | |
| Force Cure | 60 min @ 70 deg C (160F) after 30 min flash off | | |
| Airless Pressure | 1400-2000 PSI min at tip | Airless Tip Size | 0.009" - 0.013" |
| AA Airless Pressure | 850 PSI min at tip | AA Airless Tip Size | 0.009" - 0.013" |
| AA Airless Air Pressure | 30 - 60 PSI | | |
| Conventional Spray | | | |
| Brush | Polyester or nylon | Roller | Short nap |
| Procedure Part 1 | Rinse all equipment with thinner prior to and after application. | | |
| Procedure Part 2 | When application is made by airless or air assisted airless, use and inbound pressure approx. 10-15 lbs above the level at which "fingering" | | |
| Procedure Part 3 | Special attention should be given to all edges, pits, welds, corners, rivets and other rough spots to insure complete coverage. | | |

Additional Information

| | |
|---------------------------|---------------------------------|
| Package Sizes | 18.9 litres, 180 litres |
| Safety Information | See label precautions and MSDS. |

Date Issued 20/04/2004 Supersedes new issue

The above information is given in good faith and to the best of our knowledge. Every reasonable precaution is taken in the manufacture of all products and compilation of data to ensure that they are consistent with the Manufacturer's standards. As the effectiveness of each product depends, in part, on correct methods of use and application, and since the conditions of the surface, application and method of use are beyond our control, no guarantee of such products or this data is made or implied by this. By virtue of this disclosure, it is the responsibility of the buyer to satisfy itself of the suitability of the goods for its own particular process and it will be deemed to have done so by virtue of accepting the goods on this understanding.