



Speed Enamel 76: Self Priming Gloss

Description

A quick drying, self priming enamel for interior or exterior exposure. Primarily designed for application on metal surfaces where fast dry and recoat times are important. Available in several factory mixed colors as well as a full range of custom colors and gloss levels. All 76 Series products are formulated to be lead and chromate-free.

Coating Properties

| | |
|-------------------------------|----------------|
| Coating Category | Modified Alkyd |
| Gloss | Gloss |
| In-service Temperature Limits | |
| Continuous: | 93°C (200°F) |
| Intermittent: | 120°C (250°F) |
| Product VOC (g/L) | <600 |

Coverage Information

| | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Volume Solids | 36% May vary by base/color |
| Theoretical Coverage | 577 ft ² /gal (14 m ² /L) @ 1 mil (25 microns) DFT These coverage rates are based on 100% transfer efficiency |
| Recommended Film Thickness | Wet: 3.0 - 8.0 mils (75 - 150 microns) Dry: 1.0 - 3.0 mils (25 - 75 microns) |
| Applied Coverage | <i>Actual coverage will vary depending on substrate and application method. Please contact your Cloverdale Industrial Representative for specific project recommendations.</i> |

Approvals / Certifications

MPI #96

Benefits

Corrosion Resistant
Direct to Metal Application
Fade Resistant
Fast Dry
Highly Washable
Outstanding Application
Rust Inhibitive

Markets / End-Uses

Dry Goods Containers
Farm Machinery
Industrial Machinery
Marine Vessel Superstructures
Metal Refuse Containers
Piping
Plant Maintenance
Process Equipment
Safety Colors
Storage Tank Exteriors
Structural Steel
Trailers

Bases

| | |
|-------|---------------|
| 76811 | White |
| 76001 | Deep Base |
| 76002 | Neutral Base |
| 76000 | Orange |
| 76150 | Safety Yellow |
| 76795 | Black |
| 76345 | Yellow Base |
| 76343 | Orange Base |
| 76341 | Green Base |
| 76342 | Red Base |
| 76340 | Blue Base |
| 76852 | Bright Red |





Substrates and Surface Preparation

All surfaces must be clean, dry and free from loose mill scale, weld spatter, oils, grease, wax, dust or any other foreign contaminant affecting adhesion.

Minimum preparation as follows:

Ferrous: SSPC-SP 2/3 Hand/Power Tool Clean. SSPC-SP 6 Commercial Blast preferred.

Previously Painted: SSPC-SP 2/3 Hand/Power Tool Clean.

A test patch is recommended to verify coating compatibility and ensure adhesion to the substrate is not affected.

System Recommendations

Contact your Cloverdale Technical Representative for system recommendations.

Mixing Instructions

- Mix well before using.
- Keep containers tightly sealed when not in use.

Methods of Application

Application Parameters

| | |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Relative Humidity | Not to exceed 85% |
| Minimum Temperature | 10°C (50°F) |
| Maximum Temperature | 35° C (95° F) |
| Application Comment | <ul style="list-style-type: none">• Re-coat should be applied before 4 hours or after 72 hours based on 25°C (77°F) at 50% Relative Humidity.• Under certain conditions wrinkling can occur as a result of solvent interactions with previously applied coats.• Temperature, Relative Humidity, and Film Thickness will affect dry and re-coat times. |
| Performance Tips | This coating is for use in mild to moderate atmospheric exposure. |

Substrates

Ferrous Metals
Pre-Painted Surfaces

Thinner

78011 Xylene
78013 Toluene

Equipment Cleaning

Use recommended thinner.

Product Weight

9.78 lbs / gallon

Shelf Life

2 years
Applicable only for material stored in unopened, undamaged factory filled containers stored at 4°C-38°C (39°F-100°F). Subject to reinspection.

Flash Point

6°C (43°F)

Package Size

1 gallon
5 gallon pail
Drums stock special order



**Equipment Settings**

| | | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|----------------|
| Airless Spray | Min. Fluid Capability | 1800 psi |
| | Tip Size | .011" - .015" |
| Air Spray | Pot Pressure | 10 – 20 psi |
| | Atomizing Air | 45 – 65 psi |
| | Nozzle Set | 1.0 - 1.4 |
| Air Assisted Airless | Fluid Pressure | 700 – 1500 psi |
| | Atomizing Air | 20 - 60 psi |
| | Tip Size | 0.11" - .015" |
| Brush/Roll | <ul style="list-style-type: none">• Lap marks may be visible.• Use solvent resistant equipment. | |

Drying Times

| Substrate Temperature | Touch Dry | Hard Dry | Overcoat Interval |
|-----------------------|------------|----------|--------------------------|
| 25°C (77°F) | 30 minutes | 2 hours | See Application Comments |

Limitations

Do not thin this product with aliphatic solvents such as Mineral Spirits or Petroleum Naphtha.
Do not use for immersion service.
Not recommended for severe chemical exposure.

Safety Precautions

This product is for Industrial / Shop use only.

WARNING! If you scrape, sand or remove old lead paint from any surface you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. For additional information, Canadian customers contact the Product Safety division of Health Canada at 1-800-O-CANADA, US customers contact the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323).

WARNING! Use with Adequate Ventilation. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

WARNING! Proper breathing PPE must be worn during application. Refer to Safety Data Sheet for proper health and safety information, located at www.cloverdalepaint.com

Updates

Please visit www.cloverdalepaint.com for the most recent versions of Technical Data Sheets and Safety Data Sheets.

Last Modification date: 10/02/2017

LIMITATION OF LIABILITY



To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

WARRANTY

Cloverdale Paint Inc. warrants its products to be free from defects in material and workmanship. At its option, Cloverdale Paint Inc. will either replace products not conforming to this warranty or credit the Buyer's account the invoiced amount for the non-conforming products. This is Cloverdale Paint Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products. In no event shall Cloverdale Paint Inc. be liable for special, indirect, consequential or incidental damages.

By purchasing this product the Buyer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the Buyer or implied by any applicable law.

Any claim under this warranty must be made in writing by the Buyer to Cloverdale Paint Inc. within ten (10) days of discovery of the claimed non-conformance, but in no event later than one (1) year from the delivery date. The Buyer's failure to notify Cloverdale Paint Inc. of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

READ LABEL AND SAFETY DATA SHEET PRIOR TO USE.

