

# PRODUCT DATASHEET

## OMEGA UNICEL Auto Primer 2410

### General Description

A high quality, single component nitrocellulose-based fast drying automotive refinishing primer. This product has excellent adhesion to pretreated, phosphate or sandblasted steel

### Features

- ✓ Single component nitrocellulose-based primer
- ✓ For priming automobiles and steel structures
- ✓ Excellent adhesion
- ✓ Applicable by conventional air spray

### Recommended Use

For new or touch up jobs within the auto and auto refinish industry. Suitable for all acrylic cellulose or synthetic finishes and for steel structures in mild environment

### Limitations

Do not apply this product if the relative humidity exceeds 85% or the substrate temperature is within 3 °C of the dew point. Maximum service temperature, dry: 80 °C / 175 °F

### Technical Data

Color	Red-Oxide and Light-Grey
Finish	Flat
Vehicle Type	Nitrocellulose
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	540 gm/Ltrs
Solids Contents	35% +/- 2% by volume
Dry Film Thickness (DFT)	Dry: 30 µm Wet: 85 µm
Dry Time	To touch: 20 minutes To recoat: min. 30 minutes (30 °C), max. no limitations High humidity and cool temperatures will result in longer dry, recoat and service time
Dries by	Chemical Cure – full cure after 6 days
Sanding Time	1 hour (20 °C)
Theoretical Spreading Rate (TSR) at Dry Film Thickness	11m <sup>2</sup> per liter (depending on the nature and condition of the substrate)
Viscosity	110-135 KU
Flash Point	23 °C / 72 °F
Specific Gravity	1.10 – 1.25 gm/cm <sup>3</sup>
Surface Temperature at Application	Do not apply this product if the relative humidity exceeds 85% or the substrate temperature is within 3 °C of the dew point
Thin With	Omega Unicel Premium Thinner 9010 or Omega Unicel Thinner 9012
Volume of Thinner	70-75% diluted to viscosity cup, 20-25 seconds in B4 cup
Clean Up Thinner	Omega Clean Thinner 9011
Available Package Size	1 USG, 5 USG
Shelf Life	12 months, sealed and kept at normal temperature (not in direct sunlight)

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## Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, mill scale, form release agents, curing compounds, and flaking paint and other surface contaminants.

New steel and ferrous metals: All direct to metal coatings provide maximum performance over near white metal blasted surfaces. There are however, situations and cost considerations that many prevent this type of surface preparation from being done.

New Work / Bare Metal: Prime the prepared surface with one coat of etching primer, followed with one coat of surface primer. Sand in between coats.

Contact Omega Paints® representative for products that provide protection over less than ideal surfaces.

**WARNING:** If you scrape, sand or remove old paint, 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 an approved respirator to control lead exposure. Carefully clean up with a vacuum and a wet mop.

## Application Method

Apply one coat of Omega Unicel Auto Primer and use a smooth emery paper to sand the surface. After drying, apply the appropriate finish coat.

## System Specification

This product is used best with Omega Unicel coat systems. Use the appropriate sanding sealer or primer depending on substrate and corrosive condition / environment.

## Storage and Handling

The product must be stored in accordance with national regulations and should be kept in a cool and well ventilated place. Protect from heat and direct sun light, handle with care and stir well before use.

## Health and Safety

Apply under well-ventilated conditions. Do not breathe or inhale mist. When applying, wear air-mask and avoid skin contact. Spillage on skin should be immediately removed with suitable cleanser, soap, or water. Eyes should be well flushed with water and medical attention to be sought immediately.

## Disclaimer

The information is given in good faith. We warrant our product is of good quality and manufactured in accordance to rigid standards. Failure of this product due to misuse or bad storage is beyond the manufacturer warranty. The company pursues a policy of continuous improvement in product innovation, and as such, reserves the right to change the given data without prior notice. Contact Omega's representative or visit [www.omegapaints.net](http://www.omegapaints.net) for more info.

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