

PRODUCT DATASHEET

OMEGA Traffic Paint 4425

General Description

A fast drying, high quality, ready to use chlorinated rubber traffic marking paint that conforms to Middle Eastern climate and environment conditions. This product has excellent adhesion to cured asphalt, concrete, brick and other surfaced highways, car parks, and factory and industrial floors.

Recommended Use

To mark the color stripes (white, yellow, black) for traffic on roads, high ways, motor ways, zebra crossing at signals, curb stones, road blockades, barriers, parking lots, parks and gardens, air field run ways, taxi ways, apron, and threshold.

Features

- ✓ Chlorinated rubber-based paint for road marking
- ✓ Quick dry, high quality product
- ✓ Good hiding power and durable material
- ✓ Resistant to water and oil and other spillage
- ✓ Easy to apply with brush, roller, or air spray

Limitations

Apply only when surface temperature is above 10°C. Maximum humidity during application and curing is 85% and dew point above 3°C.

Surface Temperature Maximum, dry: 60 °C / 140 °F

Technical Data

Color	White, Yellow, and Black
Finish	Flat
Vehicle Type	Chlorinated Rubber
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	600 gm/Ltrs
Solids Contents	43% +/- 2% by volume 67% +/- 2% by weight
Dry Film Thickness (DFT)	Dry: 100 µm / 4.0 mils Wet: 230 µm / 9.2 mils
Dry Time	To touch: 30 minutes Full cure after 3 days High humidity and cool temperatures will result in longer dry, recoat and service time
Dries by	Evaporation
Theoretical Spreading Rate (TSR) at Dry Film Thickness	4.3m ² per liter (depending on the nature and condition of the substrate)
Viscosity	80-90 KU
Flash Point	23 °C / 73 °F
Specific Gravity	1.20 – 1.60 gm/cm ³
Surface Temperature at Application	Minimum allowed is 10 °C Maximum humidity during application and curing is 85% and dew point above 3 °C
Thin With	Omega Synthetic Thinner 9005, 5-15%
Clean Up Thinner	Omega Cleaning Thinner
Available Package Size	1 USG, 5 USG
Shelf Life	24 months, sealed and kept at normal temperature (not in direct sunlight)

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Surface Preparation

Surface must be dry, clean and in sound condition. Remove oil, dust, dirt, or other foreign substance to ensure good adhesion. Emulsified coal tar should be allowed to age for seven days prior to striping.

For previously paint surfaces; surfaces should be free from all foreign material. Old paint films must be brush blasted or scruff sanded prior to coating. Unknown old paint surface should be tested for lifting or peeling. If it does, clean to sound substrate and treat as new surface.

Important: The asphalt must be fully cured and compressed properly to avoid the risk of cracking and lifting of the paint line edges. Bleeding can also be expected with some asphalt mixtures. Small trial patch area is recommended in order to check for bleeding and peeling of the edges.

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

Stir thoroughly before and during use. Apply one or two coats by brush, roller, or air spray using nozzle orifice 2.0-3.0mm with 2-3 bar / 28-42 psi nozzle pressure.

System Specification

Apply directly on cured surfaces. This product does not require any preceding coat.

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 for more info.

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