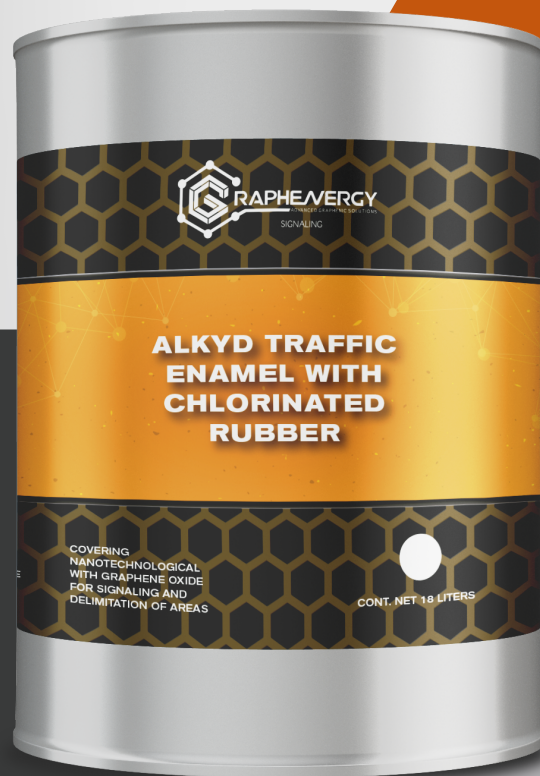




ALKYD TRAFFIC ENAMEL WITH CHLORINATED RUBBER AND GRAPHENE OXIDE



DATA SHEET

ALKYD TRAFFIC ENAMEL WITH CHLORINATED RUBBER AND GRAPHENE OXIDE

Description

It is a coating based on alkyd resin and chlorinated rubber with graphene oxide, developed for signaling on asphalt and concrete pavement in highways, urban areas, crosswalks, etc. A coating that offers good resistance to wear from vehicular and pedestrian traffic, long lasting and easy application with extraordinary adhesion.

Features



High resistance to weathering and wear and tear due to rolling or pedestrian traffic



Better adhesion to surfaces



Excellent resistance to ultraviolet rays



Excellent hiding power



High durability



High performance

Use

To paint signs on asphalt and concrete pavements on highways, urban areas, pedestrian crossings, etc.

Yield

Yield of 350-370 lineal feet of standard 4 inch stripe per gallon depending on the porosity and texture of the surface, and the color to be applied.

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Physical properties

Resin type	Alkyd / Chlorinated rubber
Physical state	Liquid
% Solids	64.0 - 70.0
Density (Kg / l)	0.950 - 1.300
Brookfield Viscosity (cps)	< 10000

Recommended film or coating thickness:

Thickness	Minimum, mils (microns)	Maximum, mils (microns)
Wet	10.0 (250)	15.0 (375)
Dry	7.0 (175)	10.0 (250)

Colors

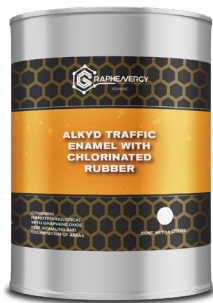
White, traffic yellow, blue, and black.

Drying time

At ambient conditions of 25°C (77°F) and 50% relative humidity. Drying time is longer with lower temperatures and excess humidity.

- **Touch** 20 min
- **To coat** 40 min
- **Ready for traffic** 60 min

Presentation



Packing
4.755 Gallons (18 liters)
1 Gallon (4 liters)
Semi-matte finish



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Material handling

Surface Preparation

Before applying, the surface must be clean and dry, free of dust, grease, oil, rust, as well as any other contaminant. Old or poor paint should be completely removed if possible, or else sanded down.

Product preparation

Mix the content perfectly until there is no settled component in the container. The product does not require dilution. In case the user considers diluting the product, use only acrylic thinner. The dilution with acrylic thinner should not exceed 10%.

Product Application

It can be applied by brush, roller, or stripe painting machines. Apply the product on the surface, apply in one direction until perfectly covered. Allow the material to cure on the surface for approximately one hour.

When a reflective finish is required, glass microspheres can be sprinkled on the wet film at a rate of 5.84 lb/gal (700 g/L) for roads and 10 lb/gal (1200 g/L) for runways.

Once the application is finished, wash the equipment used with solvent or standard thinner.

Recommendations

- Do not apply this product on wet surfaces and/or in conditions of relative humidity between 70 and 80%.
- The paint can be applied directly or with a maximum dilution of 10%. In case of dilution, use only acrylic thinner.
- For the application it is necessary that the surface temperature does not exceed 32 °C and not less than 6°C.
- Do not apply on non-ferrous surfaces such as galvanized sheet metal, aluminum, etc.
- Do not leave the container open during its application. Close the container well after each use.



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- Store in a covered, cool and dry place, avoid extreme temperatures.
- Apply in spaces with adequate ventilation.
- Avoid exposure to solvents or chemicals.

Advertencias

- In case of ingestion, do not induce vomiting; rinse nose, mouth and throat and get medical attention.
- Keep out of reach of children.
- Do not smoke or eat during application.
- Avoid direct contact.
- Flammable liquid, keep away from fire or heat sources.



ATTENTION, HARMFUL
IF SWALLOWED



FLAMMABLE LIQUID

Safety precautions

- Contains flammable substances, so sufficient ventilation is required and keep away from any source of fire.
- The rules and regulations in force at the place of application regarding Hygiene, Safety and Environment must be complied.
- In case of doubt about the application of this product, consult Energeia Fusion S.A de C.V. Technical Service.
- Use personal protective equipment, glasses, gloves, face mask and protective suit.



WEAR PROTECTIVE
SUIT



USE GLOVES



USE GLASSES



USE FACE MASK

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Storage

Store in a cool, dry place, avoid freezing conditions and extreme heat. This product contains flammable solvents, keep away from sources of ignition or flame, do not store outdoors.

Waste management and environmental impact

Waste such as brushes, cheesecloth and other materials used to apply the product must be disposed together with the waste contaminated with chemical products generated during the product application.

Expiration

The product can be stored for up to 12 months in its original container, hermetically sealed, under cover, in a cool and dry place, protected from sunlight.

Legal note

The information is not intended to be exhaustive, and it is based on Energeia Fusion, S.A. de C.V., current knowledge, and experience, if the product is properly stored, handled, and applied under normal conditions and in accordance with the recommendations expressed here.

It is advisable to carry out the pertinent tests with the product to determine its suitability before its final application. In case of changes in parameters of application or if it is planned to use for a different application, consult Energeia Fusion Technical Service.

Energeia Fusion, S.A de C.V. is not responsible for any damage that may be caused by misuse of the product.

For more information contact contact@graphenemex.com

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