



By REEF Co.

# Road Marking RESINS

- Alkyd Resin
- Thermoplastic Acrylic Resin
- $\bullet$  Nano-composite Thermoplastic Acrylic Resin
- MMA Two-component Resin

REEF road marking experts since 1995



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Alkyd resin modified with chlorinated natural rubber which is used in order to produce chlorinated rubber traffic paint.

- Compatibility with natural rubber
- High hardness
- Good wear resistance

Color	Yellow (Max: 5 Gardner)
Solids (by volume)	60 ± 1%
Specific gravity	$0.94 \pm 0.5 \mathrm{gr/cm^3}$
Flash point	24 °C
Viscosity	9 – 15 sec (25 ° c)
Cure	By solvent released
Odor	Aromatic
Solubility	Soluble in organic solvents



### Thermoplastic Acrylic Resin

Thermoplastic acrylic resin is a copolymer of acrylic acid, esters of acrylic acid and Meta acrylic acid which is used in order to produce thermoplastic acrylic traffic paint.

- Fast dry
- Good chemical resistance
- High UV resistance
- Good bonding with asphalt surfaces

Color	Colorless
Solids (by volume)	$60 \pm 1\%$
Specific gravity	$0.95 \pm 0.5 \mathrm{gr/cm^3}$
Flash point	24 °C
Viscosity	60 − 100 sec (25 ° c)
Cure	By solvent released
Odor	Aromatic
Solubility	Soluble in organic solvents

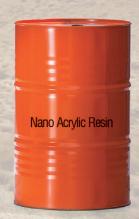


#### Nano-composite Thermoplastic Acrylic Resin

Nano-composite thermoplastic acrylic resin is a copolymer of acrylic acid, esters of acrylic acid and Meta acrylic acid which is changed to a composite using nano-clay.

- Fast dry
- Good chemical resistance
- High UV resistance
- Good bonding with asphalt surfaces
- Excellent resistance to abrasion and scratch

Color	Colorless
Solids (by volume)	$60 \pm 1\%$
Specific gravity	$0.95 \pm 0.5 \mathrm{gr/cm^3}$
Flash point	24 °C
Viscosity	60 – 130 sec (25 ° c)
Cure	By solvent released
Odor	Aromatic
Solubility	Soluble in organic solvents



### MMA Two-component Resin

MMA two-components resin is a copolymer of esters of acrylic acid and Meta acrylic acid in the mixture of monomer which is used in order to produce MMA two-component traffic paints.

- Fast curing
- Highly durable
- Suitable for use on asphalt or concrete
- Good chemical resistance

Color	Milky
Solids (by volume)	100 %
Specific gravity	$0.91 - 0.98 \mathrm{gr/cm^3}$
Flash point	24 °C
Viscosity	10 − 15 sec (25 ° c)
Cure	Polymerization
Odor	Monomer
Solubility	



