

# SOLVENT C-IX



CAS Number: 64742-95-6

Other Names: Aromatic naphtha, Techsol100, Solvent naphtha

Formula: C<sub>9</sub>H<sub>12</sub>

## PRODUCT INTRODUCTION

Aromatic hydrocarbons are a series of organic molecules that form flat ring-shaped bonds. Aromatic hydrocarbon C<sub>9</sub> resins are conventionally named because it is defined by the number of carbon monomers in the chemical. C<sub>9</sub> have a distinctive aromatic odour and a typical Gardner colour of 6 – 10 (dark yellow to dark brown). It is insoluble in water, low alcohols and ketones, however are soluble in aliphatic hydrocarbons and chlorinated hydrocarbon solvents.

## PHYSICAL AND CHEMICAL PROPERTIES

Aromatic Content	99.56 %wt
Benzene	< 10 ppm wt
Non-Aromatics	0.44 %wt
Acidity	No Free Acid
Copper Strip Corrosion	Pass 1A
APHA Color	3
Initial Boiling Point	164.1°C
Dry Point	177.2°C
Specific Gravity @ 15.6/15.6°C	0.8763°C
Density at 15°C (in Vacuum)	0.8759g/mL
Density at 15°C (in Air)	0.8748g/mL
Density at 30°C (in Air)	0.8628g/mL
Density at 30°C (in Vacuum)	0.8639g/mL
Appearance	Colorless, Clear, Free of Foreign Matter
Total Sulfur	0.1 ppm wt

## APPLICATIONS

- C9 is mainly used in adhesives, printing inks, sealants, polychloroprene rubber, concrete curing compounds, anti-drying agents and paints.
- It has a good compatibility with SBR, SIS, SEBS and SEPS and can be used as a pressure sensitive adhesive, hot-melt adhesive and synthetic rubber.
- C9 can also be applied to coatings on ships, vehicles and bridges because they will improve the lustre, increase hardness and make areas more water resistant.
- Within the printing industry, it will increase water resistance, solvent consumption and resistance to dry.
- It is also used for hot road markings.
- The end user markets for this product are the paints, coatings and rubber industries.

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## PACKAGING OPTIONS

Tanks

Drums

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