

Cray Valley USA, LLC Oaklands Corporate Center 468 Thomas Jones Way, Suite 100 Exton, PA 19341 1-877-US1-CRAY (1-877-2729) www.CrayValley.com

Technical Data Sheet: NORSOLENE[®] W 100

HYDROCARBON RESIN

DESCRIPTION

Norsolene[®] W 100 is a water white, odorless, heat stable, pure styrenic monomer resin that is produced by cationic polymerization.

PRODUCT HIGHLIGHTS

Excellent thermal stability Good compatibility with many polymers and resins Good solubility with most common solvents Good tackifying characteristics Water white color

PERFORMANCE PROPERTIES

Elastomer Compatibility Good Heat Stabilility @72 hr.

SUGGESTED APPLICATIONS

Adhesives; Adhesives, hot melt Binders Coatings, Paints Polymer modification Rubber Sealants Toner modification

REGULATORY STATUS

Australia (AICS) Canada (DSL) China (IECSC) Europe (EINECS) Japan (ENCS) Korea (ECL) New Zealand (NZIoC) Philippines (PICCS) USA (TSCA)

CAS Number

9011-11-4

NORSOLENE[®] W 100 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Acid number	<0.1
Appearance	Colorless solid
Color Gardner in 50% toluene	<1
Saponification number	<1
Softening Point, R&B, °C	95 - 105
Specific Gravity, 20/20 °C	1.05 - 1.07

FDA STATUS

Norsolene[®] W 100 is cleared under the following FDA regulations as they apply to the use of petroleum hydrocarbon resins in specific food packaging applications. However, it is the responsibility of the user to ensure that the final product composition, which contains our Norsolene W 100, is produced in accordance with "good manufacturing practices" and meets all the provisions and limitations of the relevant regulations.

These regulations are:

21.CFR:

175.105	Adhesives
175.300	Resinous and Polymeric Coatings
175.320	Resinous and Polymeric Coating
	for polyolefin films
175.380	Xylene-formaldehyde and Epoxy
	based resins
175.390	Zinc-silicon dioxide matrix coatings
176.170	Components of paper and
	paperboard in contact with
	aqueous and fatty foods
176.180	Components of paper and
	paperboard in contact with dry
	foods
177.1210	Closures with sealing gaskets for
	containers

* Subject to limitations

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