

Technical Bulletin

HUNTSMAN

DECOUPAGE MNP

PRODUCT DESCRIPTION

Decoupage MNP is a high quality nonylphenol specifically intended for use in epoxy decoupage formulations. It contains an inhibitor to maintain color stability of the nonylphenol and to prevent the formation of undesirable color bodies in the decoupage coating. Decoupage MNP can also be used in other nonylphenol applications where color stability is of prime importance.

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Amine Color Test	No unusual hue or color greater than 60 Pt-Co	ST-6.15
Appearance	Clear and substantially free of suspended matter	ST-30.1
Color, Pt-Co	50 max.	ST-30.12
Distillation, IBP, °C	290 min.	ST-6.10
Distillation, 95%, °C	302 max.	ST-6.10
Ortho-nonylphenol, wt%	10 max.	ST-38.9
Phenol, wt%	0.2 max.	ST-38.9
Nonylphenol (ortho + para), wt%	97 min.	ST-38.9

*Methods of Test are available from Huntsman Corporation upon request.

TYPICAL PROPERTIES

Chemical Properties

Molecular Weight (theoretical)	220
Hydroxyl Number (theoretical)	250

Regulatory Information

DOT Classification	Corrosive; Marine Pollutant
TDG Classification	Corrosive
OSHA Classification	Hazardous
HMIS Code	3-1-0
CAS Number	84852-15-3
TSCA Inventory	Yes
WHMIS Classification	E
Canadian DSL	Yes

Physical Properties

Flash point, PMCC, °F	310
Flash point, PMCC, °C	154
Pour point, °F	35
Pour point, °C	2
Specific Gravity, 20/20°C	0.95
Weight, lbs/US gal at 20°C (68°F)	7.9
Viscosity, kinematic	
cst at 25°C (77°F)	1135
cst at 37.8°C (100°F)	400
cst at 100°C (212°F)	6

TOXICITY AND SAFETY

For information on the toxicity and safe handling of this product, please read the Material Safety Data Sheet prior to use of the product.

HANDLING AND STORAGE

Decoupage MNP may be satisfactorily stored in carbon steel tanks using steel pipes and pumps. Caution must be exercised, however, to keep the material in the anhydrous state to prevent severe corrosion to the carbon steel tank and related equipment. A drier on the breathing nozzle is recommended to help maintain anhydrous conditions in the storage tank.

For longer term color stability, it is recommended that the product be stored under an inert atmosphere. Solid sediment may form upon standing. There should be circulation in the storage vessel to keep solids suspended.

Low pressure steam coils in storage tanks and steam tracing of transfer lines should be provided in cases where low environmental temperatures may make pumping of the product difficult.

SHIPPING DATA

Product is available in tank cars, tank trucks and drums of 430 pounds (195 kilograms) net weight. Small samples are available upon request.