

DeSoto[®] CN Series Cleaning Solvents

TECHNICAL DATA SHEET

Product Description

DeSoto[®] CN13 is a fast evaporating very mild solvent blend suitable for degreasing and cleaning of both painted and bare metal surfaces. CN13 is also suitable for degreasing and cleaning composite and plastic substrates.

DeSoto[®] CN20 is a cleaning solvent manufactured in accordance with MOD Specification Def Stan 80-67. CN20 is a blend of different solvents suitable for equipment cleaning and is capable of handling a wide range of surface contaminants. CN20 may also be used for degreasing and cleaning of metals and composites prior to painting. CN20 has a carefully balanced evaporation rate which allows time for dirt to be wiped off the surface without an excessively long drying time.

DeSoto[®] CN44 is a cleaning solvent specially formulated to meet the particular requirements of aircraft painting. CN44 is a blend of different solvents suitable for equipment cleaning and capable of handling a wide range of surface contaminants. Alcohols are included to remove water soluble dirt. Ketones are included to dissolve resinous contamination and aromatic hydrocarbons to remove oils and greases. CN44 has a carefully balanced evaporation rate which allows time for dirt to be wiped off the surface without an excessively long drying time.

DeSoto[®] CN45 is a cleaning solvent specially formulated for the cleaning and degreasing of freshly applied epoxy primers. Being of mild composition, CN45 is also suitable for cleaning and degreasing of composites as well as metallic surfaces. CN45 is approved to AFS 1826.

Components

Mix Ratio (by volume)

N/A - Supplied ready for use

Specifications



CN Product	Qualified Specification
CN20	Def Stan 80-67
CN45	AFS 1826

Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information.

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Application Properties

Recommended Application Conditions:

23 °C (73.4 °F) @ 50 % Relative Humidity unless otherwise stated.

Physical Properties



Colour:

Colourless liquids



Property	CN13	CN20	CN44	CN45
Flash Point (Abel closed cup)	-2 °C (28 °F)	-17 °C (1 °F)	-5 °C (23 °F)	-30 °C (-22 °F)
Evaporation Rate (n-BuAc=1)	4.8	2.3	1.0	9.46
Vapour Pressure (mm Hg)	42	180	78	180
Volatile Organic Compound g/Lt (ASTM-D-3960)	720	820	830	760



Shelf Life:

CN13	24 months in original unopened container
CN20	24 months in original unopened container
CN44	24 months in original unopened container
CN45	24 months in original unopened container

Note: Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.

Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 5 °C to 35 °C (41 °F to 95 °F) to ensure shelf life.

Note: When procuring to a qualified material specification, follow those storage instructions.



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Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at: www.ppgaerospace.com

For sales and ordering information call the local PPG office at the numbers listed below:

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