

DeSoto® CN series cleaning solvents

Descriptions

CN 13 is a fast evaporating cleaning solvent suitable for degreasing and cleaning both painted and bare metal surfaces. It is also suitable for degreasing and cleaning composites and plastics substrates.

CN 20 is a cleaning solvent manufactured in accordance with MoD Specification Def Stan 80-67. CN 20 is a blend of different solvents suitable for equipment cleaning and is capable of handling a wide range of surface contaminants. It may also be used for degreasing and cleaning of metals and composites prior to painting. CN 20 has a carefully balanced evaporation rate which allows time for dirt to be wiped off the surface without an excessively long drying time.

CN 44 is a cleaning solvent specially formulated to meet the particular requirements of aircraft painting. CN 44 is a blend of different solvents capable of handling a wide range of surface contaminants. Alcohols are included to remove water soluble dirt, ketones to dissolve resinous contamination and aromatic hydrocarbons to remove oils and greases. CN 44 has a carefully balanced evaporation rate which allows time for dirt to be wiped off the surface without an excessively long drying time.

Avoid the use of CN 44 on plastics and on coatings which have had less than 7 days air drying time.

CN 45 is a cleaning solvent specially formulated for the cleaning and degreasing of epoxy primers which have only dried for a short time, i.e. 16 to 48 hours. Being of a mild composition, CN 45 is also suitable for cleaning and degreasing of composites as well as metallic surfaces. CN 45 is not suitable for refreshing primers which are aged over 7 days, nor is it suitable for heavily contaminated surfaces.

CN 45 is approved to the following specification:
AFS 1826

Application properties (typical)

Conditions: 23°C/50%RH unless otherwise stated

Colour	All CN products are clear			
Property	CN 13	CN 20	CN 44	CN 45
Flash point (Abel closed cup)	-2°C	-6°C	-4°C	-30°C
Evaporation rate	4.8	2.3	1.0	9.46
Vapour pressure	40	185	71	180
Volatile organic compound	740	820	840	765

Notes to table:

Flash point, (Abel closed cup)

Evaporation rate, (n-BuAc=1)

Vapour pressure in mm Hg

Volatile organic compound (VOC) refers to result with ASTM-D 3960 test method

Storage life

The storage life for CN 13, CN 20, CN 44 and CN 45 is twenty four months from the date of manufacture when stored at temperatures between 5°C and 35°C in the original unopened containers.

Health precautions

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

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All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.