

S76

CLEANER / PENETRANT REMOVER

General

S76 is a volatile solvent which is used for the removal of surface excess penetrant in the solvent removal process or 'wipe-off' technique. It is also ideal for the pre-cleaning of surfaces before the penetrant is applied for the removal of oil, grease and other organic contamination.

Typical Properties

Form: Clear, volatile liquid
 Density: 0.71 at 15°C
 Flash Point: < 0°C (ASTM D56)

Method of Use

When S76 is used to remove excess penetrant at the end of the penetrant contact time, it is applied to the test surface using the 'wipe-off' technique. The bulk of the surface excess penetrant is wiped away by use of a clean, dry absorbent cloth or paper then S76 is applied to a similar cloth or paper and the test surface is wiped again until a satisfactory level of background is achieved.

LD3 or LD6 non-aqueous developer can then be applied to the dry surface.

For Checkmor colour contrast processes, inspection should be carried out in diffuse white light of at least 500 lux (approx 46 ft.cdl.) and in the case of Britemor fluorescent penetrant processes under UVA of 365nm peak wavelength, typical output of 1200µwatts/square cm. at 15 inches from the component.

(Specifications may vary)

Note:

Solvent penetrant removers must never be applied by direct spray or immersion for the removal of excess penetrant as this will lead to a loss in sensitivity of the process.

Certification

S76 is approved to AMS 2644 and can be certified to ASME V, ASTM E-165-80, RCCM and AECL for levels of sulphur and halogens.

S76 should be used in areas with good ventilation and kept away from sources of ignition such as sparks or naked flames. Suitable masks should be worn when used in confined spaces.

See Material Safety Data Sheet for detailed information

Available: Aerosols, 5, 25, 200 litre containers.



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