Met-L-Chek®

PENETRANT PROFESSOR APPROVED

PRODUCT DATA CLEANER/REMOVER E-59A

Met-L-Chek® **E-59A** is a **Type I** and **Type II**, class 2 (non-halogenated), Method C inspection penetrant remover. It is designed for use in the solvent wipe technique for penetrant inspection in general metalworking, welding, nuclear and automotive applications. It is listed on the Qualified Products List for **AMS-2644.** It meets the requirements of **ASME Boiler and Pressure Vessel Code**, **ASTM E-165**, and **ASTM E-1417** for penetrant inspection materials. It is low in residues containing Sulfur, Chlorine, and other Halogens, making it safe for use on most metals. It is a moderate dry rate material and is ideal for penetrant wipe removal and pre-inspection surface cleaning. The remover should not be sprayed directly on to the test surface to remove the excess penetrant as the sensitivity will be impaired.

Shelf Life - 5 years from batch approval date

TYPICAL PHYSICAL PROPERTIES	
FORM	Clear liquid
FLASH POINT	> 10 ˚C (> 50˚F)
DENSITY	746 g/L (6.2 lbs./gal.)
V.O.C.'s	743 g/L
FLUORESCENCE	None

SPECIFICATIONS **AMS -2644**
AMS-2647
ASME B & PV code Sec. V
ASTM E-165
ASTM E-1417
Navsea-T9074-AS-GIB-010/271

CORROSION:

Carbon Steel:	None
Nickel Steel:	None
Aluminum:	None
Magnesium:	None
Titanium:	None

NSN #'s **12 oz. 6850-00-160-8481**
1 gal. 6859-00-357-7926

ANALYSIS:

Residue	< 0.005 g/100g
Sulfur	< 100 ppm
Chloride	< 100 ppm
Fluoride	< 100 ppm
Mercury	None
OLDS's	None
PCB's	None

Health - 1
Flammability- 3
Reactivity- 0

DOT: Bulk -Petroleum distillates, n.o.s. (naptha), class 3 UN1268, packing group II.

DOT: Aerosols -Consumer Commodity ORM-D

DISPOSAL: Flammable liquid.

Wear protective gloves & eye wear.

Avoid breathing.

Avoid eye & skin contact.

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