

SKL-4C

Water-Based Visible/Fluorescent (Dual-Purpose) Penetrant

Specially designed for chemically sensitive plastic parts, and for leak detection, SKL-4C is a red dye visible penetrant that is water based and water washable. As with most plastic parts, it is recommended that a trial application be used to confirm compatibility. Indications appear dark purple-red in visible light and fluorescent orange in ultraviolet light. This allows dual range flexibility in the inspection process. SKL-4C can be diluted with water, although it is recommended that a dilution ratio of 1:1 is used for general purposes.

BENEFITS

- Water based
- Can be used for leak detection
- Can be used in visible and UV light inspections

APPLICATIONS

Defect location: open to surface

Ideal for:

- Ceramic components
- Leak testing
- Chemically sensitive plastic components (test plastic compatibility before use)

PROPERTIES

Flash Point	> 200°F / 93°C
Density	1.02 g/cc / 8.50 lb/gal
Viscosity (at 100°F / 38°C)	9.95 cs
NPE-Free	Yes

USE RECOMMENDATIONS

NDT Method	Penetrant Testing, Leak Testing
Type	2
Method(s)	A / C
Sensitivity Level	N/A
Required Equipment	No special equipment needed
Temperature Range	40 to 125°F / 4 to 52°C

PACKAGING

5 gal / 18.9 L pail 01-5125-40

55 gal / 208 L drum 01-5125-45

HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the product Safety Data Sheet, which is available at www.magnaflux.com.

