

SKL-4C

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

Designed for crack detection and leak detection, particularly for sensitive parts, SKL-4C is a red dye visible penetrant that is water based and water washable. As with most parts, it is recommended that a trial application be used to confirm compatibility, particularly for sensitive materials such as plastic and aluminum. 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
- Cracks and porosity
- 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 |
| Usage Temperature | 40 to 125°F / 5 to 52°C |
| Storage Temperature | 50 to 86°F / 10 to 30°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.