



**KHOSLA ENGG.  
PVT. LTD., PUNE.**

## PRODUCT SPECIFICATION

**TITLE: KHOSLA 'NC 111'  
HALIDE FREE NON CLEAN  
FLUX.**

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1. **SCOPE:** This specification covers halide free non-clean flux used for assembly of PCB by high production of wave soldering. Also, suitable for general purpose soldering assembly.

2. **GENERAL:** This flux has modified rosin based resin and is suitable for bare copper, solder, tinned, gold plated, nickel plated circuit boards and component lead.

3. **SPECIFICATION :**

- pH Value: 5 to 6.
- Appearance: Yellow liquid.
- Sp. Gravity :  $0.800 \pm 0.03$  at  $20^{\circ}\text{C}$
- Solderability :90%
- Solid Content: 4 %

4. **ACCEPTANCE CRITERIA :**

Properties	Value
Sp. Gravity	$0.80 \pm 0.003$ at $20^{\circ}\text{C}$ .
pH Value	5 to 6.

5. **HANDLING AND STORAGE:**

- 'NC 111' Flux to be stored in ventilated dispatch stores.
- Highly inflammable so keep away from the fire, open flame, spark etc.
- It should be packed in plastic cans of 5Ltrs, 20Ltrs, and 50 Ltrs as per customer requirement.
- Containers inner and outer cap should be tightly closed at every time.

6. **SHELF LIFE:**

Halide Free Non-Clean Liquid Flux has one-year shelf life.

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