



Datasheet revision 1.1

www.HMTsolder.com

REL0 No-Clean Low-Temp Tack Flux

Product Highlights

Ideal for all rework, solder, de-solder and reflow applications

Non-corrosive, non-conductive, no-clean

Tack flux will not run all over PCB when applied

Has a pleasant odor

Excellent wetting

Easily cleaned with isopropyl alcohol (IPA)

Attachment of BGA spheres

Soldering flip chip components

Long stencil life

Wide process window

Clear residue

Commonly used with Sn42/Bi58, Sn42/Bi57.6/Ag0.4, and Sn42/Bi57/Ag1 alloys, which melt at 138°C (281°F)

RoHS 3 and REACH compliant

Product Specifications

Flux Type: Synthetic No-Clean (for low temperature applications)

Flux Classification: REL0

Flux Activation Temperature: 100°C (212°F)

Stencil Life

>8 hours @ 20-50% RH 22-28°C (72-82°F)

>4 hours @ 50-70% RH 22-28°C (72-82°F)

Stencil Cleaning

Automated stencil cleaning systems for both stencil and misprinted boards. Manual cleaning using isopropyl alcohol (IPA).

Storage and Handling

Store refrigerated or at room temperature 3-25°C (37-77°F). Do not freeze. Allow 4 hours for flux to reach an operating temperature of 20-25°C (68-77°F) before use.

Transportation

This product has no shipping restrictions. Shipping below 0°C (32°F) or above 25°C (77°F) for normal transit times by ground or air will not impact this product's stated shelf life.

Conforms to the following Industry Standards:

J-STD-004B, Amendment 1 (Solder Fluxes):

Yes

RoHS 3 Directive (EU) 2015/863:

Yes

Packaging

Container Sizes	10cc, 30cc Syringe and 75g Jar
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Health and Safety

HMT11-LF is a Non-Flammable product and the normal precautions taken when working with chemical products. Recommended handling procedures are provided in the SDS.

Please refer to the Safety Data Sheet (SDS) before use. Safety data sheets can be found at www.hmtsolder.com

This data is based on information that the manufacturer believes to be reliable and offered in good faith. In no event will HMT be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

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