

## MECHANIC Environmentally friendly low-temperature Lead-Free solder paste

Product Name: MECHANIC Environmentally friendly low-temperature Lead-Free solder paste

Model	V3B45	V4B45	V5B45	V8B45	MCN-906SBL
Weight	20G	40G	42G	60G	500G
Model	V4B48	MCN-4258	iSm3	NS38	MS38
Weight	35G	500G	3ML	40G	50G
Model	MS38	TS38	TS38	LW50	
Weight	20G	20G	50G	50G	

**Ingredients:** Products mainly use tin, bismuth alloy, melting point at 138 °C, in line with the RoHS directive

**Product Performance:** Solder paste is a new type of soldering material that came into being with SMT, it is a paste mixture formed by mixing solder powder, flux and other surfactants and thixotropic agents. It is mainly used for soldering electronic components such as PCB surface resistors, capacitors and ICs in the SMT industry.

**Product features:** strong electrical conductivity; weak active rosin flux (RMA); the addition of rosin-free, no-clean fluxes eliminates the need for post-solder cleaning; Easy inspection and rework of soldered joints after welding.

### Application Method:

1、The solder paste 4-8°C is the best refrigeration, not lower than 0°C, from the refrigerator to return to room temperature takes at least 3 hours.

- Avoid crystallization.
- Prevent clumping.

2、Stir the paste well before use. It takes about 5 minutes with the automatic mixer.

3、The time for opening the solder paste should be short. When enough solder paste is removed, the inner cover of the solder paste should be covered immediately. In the process of use, do not take a little with a little, try to avoid frequent use of the



lid or a long time will be completely open the lid of the solder paste box.

4、After removing the solder paste, close the lid immediately.

5、Take out the solder paste to be used in a short period of time. The use of the process should be continuous and non-stop work, has been all the use of solder paste , flat on the workbench surface waiting to be placed on the surface of the components. Do not intermittent use of the process.

6、For which has been removed for the processing of solder paste, after the completion of the work of the shift, the rest of the solder paste should be immediately recycled to an empty bottle, pay attention to complete isolation from the air during storage.

7、Never put the remaining solder paste into the bottle of unused solder paste. Therefore, we should try to accurately deal with problems in the process of taking solder paste if the surface of the solder paste has been crusted and hardened, do not stir! Be sure to get rid of the hard skin, hard lumps, the rest of the solder paste in the official use of the test to see how the trial effect, if not, it can only be scrapped.

### **Matters Need Attention**

1. Wear gloves, masks and other protective equipment before using solder paste.
2. Wash thoroughly after use.