



Samsung M2825ND, M2825DW refill instructions

Also for M2625, M2626, M2675, M2676, M2826, M2875, M2876 series printers and multifunctionals.
Before use, familiarise yourself with the melting tool guidance and safety information on pages 3 and 4.
Consider doing the refill on top of sheets of old newspaper in case of accidental spills.

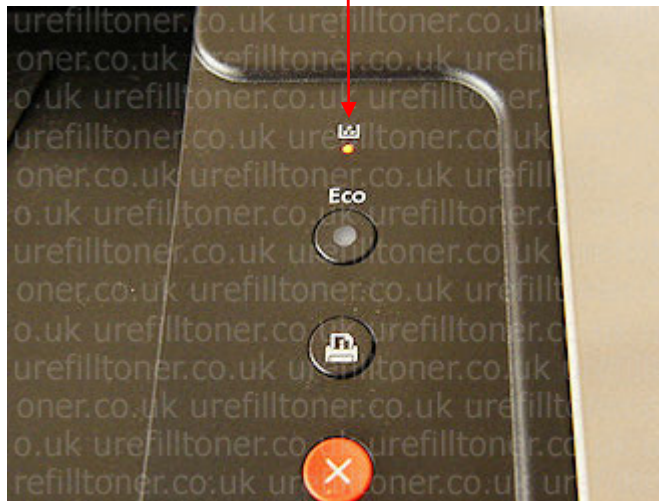
Refill any cartridge, it comes out as high capacity

The new machine arrives with a cartridge quoted as yielding "up to 1,200 pages". You can subsequently buy cartridges in either a standard (MLT-D116S also 1,200 pages) or high yield (MLT-D116L) version. You can use our method and products to refill any of the three types of cartridge in circulation and, once refilled, it will effectively become a high yield cartridge.

Ignore orange toner light (blinking or constant)

Refill at toner fade out

Ignore this light. Keep printing until fade out






Just keep printing until you get fade out from actual lack of toner powder in the cartridge: then follow the procedure that starts on page 2. Fade-out due to lack of toner develops in **progressively widening and whitening vertical stripes** as shown in these three prints





How to refill it

	<p>Refill in general area shown</p>
	<p>Melt hole in this position</p> <p>Shake bottle before pouring</p> <p>Pour in refill toner holding cartridge at approx. 45 degree angle</p> <p>Clean surface with alcohol swab</p>
	<p>Seal with any tape that's wide enough</p> <p>Duct tape or "Gaffa tape", like the patches supplied with this kit, is best</p> <p>When re-installed in machine, observe tape every now and then. If any toner is escaping, clean and re-seal affected area</p> <p>The orange toner light will stay on constant after the refill</p> <p>Just ignore the orange toner light and carry on printing. See our further comments in the paragraph at the top of page 3.</p>



A message that stops you from printing?

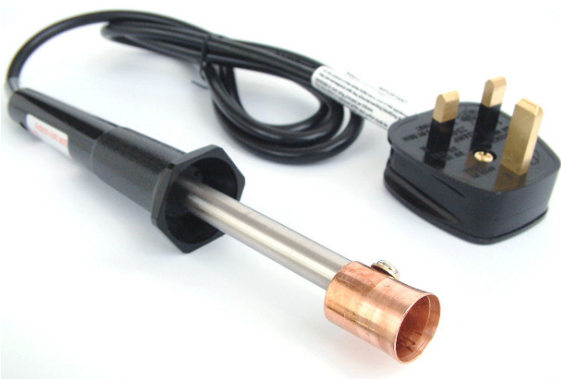
At the time of writing (January 2014), we've refilled and run out a starter cartridge 3 times and also a bought cartridge 3 times. In both cases using the M2825ND printer. Although we saw the light behaviour as previously described, at no point were our print jobs prevented.

Experience with Samsung printers in recent years suggests that there might come a point where, for a particular cartridge, the machine does refuse to print. Because we haven't been able to generate that behaviour ourselves, we looked in our User Guide, which said, "When a toner cartridge has reached the end of life, the machine will stop printing". And nothing more that we could find.

At the time of writing (January 2014), if this situation is reached, we don't know of a way around it. In the normal course of events, we'd expect **compatible chips** to become available, and these would be the solution to the problem. If we release compatible chips in the future, they'll appear under the M2825 product listing on our website.

Until then, if you're stopped from printing altogether, store the cartridge in a way that it's protected from dust and light (the box a bought cartridge comes in is best). Other things being equal, you'll be able to use the cartridge if and when compatible chips become available.

Use and safety of the melting tool



The tool needs at least 5 minutes to reach an efficient melting temperature.

To melt a hole, apply a light force similar to pressing on paper with a ballpoint pen. Ease off the pressure as the tool sinks into the plastic.

During the first 6 minutes of the first ever use, smoke will come out of the heated part of the tool as manufacturing lubricants burn off. This is normal.

Use a screwdriver to push out the residual plastic plug while the tool is still hot.

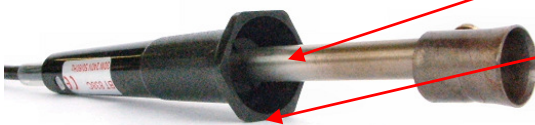
Occasionally, the plastic plug falls inside the cartridge. Try and get it out using tweezers or pliers if you can. A piece of plastic this size inside the toner compartment doesn't usually do any harm, but be aware that it's there



and retire the cartridge if it shows signs of physically jamming.

Important safety information

- To be used only by a competent, risk-aware adult.
- Use only in a well-ventilated situation. As with the combustion of any organic substance (such as petrol or tobacco) a cocktail of gases can be produced and some of these are harmful or at least irritant.
- All metal parts of the tool get dangerously hot. Never touch any metal part of the tool, including the steel shaft near the plastic handle.



- When not in hand, the tool is designed to be rested at an angle created by the flange of the handle, keeping the hot parts suspended above your surface. But take care that the power cable doesn't force the handle to rise and the hot end of the tool to dip.
- Take care not to melt through the tool's own electric cable.
- Do not use the tool with the end-piece or blank filler tip removed.
- Turn off and unplug the tool as soon as you've melted your hole. Leave to cool at least 2 metres away from your toner pouring area.
- Do not leave on for more than 30 minutes at a time.
- After use, allow the tool to cool down naturally. Do not immerse in water.
- Take all precautions for the use of a powered hand tool. Use eye and hand protection.

Assumption of risk notice

We ourselves have no hesitation in researching and refilling cartridges using the melting technique in a well-ventilated room. However, the company gives no warranties, neither explicit nor implicit, as to the safety of melting holes in toner cartridges or the use of the melting tool. Any activity or process has an element of risk. The onus is on you, the purchaser, to assess any possible risk, including the inaccuracy or incompleteness of currently available information. If you decide not to go ahead, return the product to us and we'll cheerfully refund your money. This offer is additional to your statutory rights.

©® Ownership of all intellectual property relating to the melting tool has been asserted and secured.



Safety Data

Not to be used by children. Avoid inhalation of product. Avoid eye and skin contact. Do not ingest. Avoid sources of ignition while pouring and at all times. Take maximum precaution when using a screwdriver as a lever: consider safety and protection of eyes and hands from sudden slippage or unexpected freeing of the tool.

1 Identification of the substance and the company

Product name	Samsung M2825 type refill toner
Part no.	SAM2825BOT
Supplier	U Refill Toner Ltd. Contact details as per page header

2 Hazards identification

Classification	Not known to be classified as hazardous.
Acute health effects	
Skin contact	Unlikely to cause skin irritation
Eye contact	May cause irritation
Inhalation	Irritation to respiratory tract if exposed to large amounts of toner dust
Ingestion	Unlikely when used as intended. Acute oral toxicity is believed to be low
Potential health effects	
Routes of exposure	Skin contact, eye contact and inhalation. Ingestion unlikely.
Chronic health effects	Prolonged inhalation of excessive amounts of any dust may cause lung damage
Carcinogenicity	Carbon black is classified by IARC as group 2B (possible human carcinogen). Carbon black in this preparation, due to its bound form, is not believed to present this risk.

3 First aid measures

Inhalation	Move person to fresh air. If breathing is difficult, obtain medical assistance
Eye contact	Flush with plenty of low pressure water for at least 15 minutes. Do not rub eyes. Remove contact lenses to ensure thorough flushing.
Skin	Wash with water, obtain medical attention if ill effects occur
Ingestion	Rinse out mouth with water. Drink one or two glasses of water. If large quantity swallowed seek medical advice

4 Fire fighting measures

Hazardous combustion products	Carbon monoxide and carbon dioxide
Extinguishing media	Water, dry chemical, carbon dioxide or foam
Special fire fighting procedures	Avoid inhalation of smoke. A self contained breathing apparatus and suitable protective clothing should be worn.
Unusual fire & explosion hazards	Toner is a combustible powder; formation of an explosive dust-air mixture is possible. Avoid all ignition sources if toner has been dispersed in air.

5 Accidental release measures

Spill/leak procedure	Sweep up or vacuum spilled toner and transfer into sealable waste container. Sweep slowly to minimize generation of dust. If vacuum is used, the motor must be rated as dust tight and safely applicable to the vacuuming of toner dust. Residue can be removed with soap and cold water. Garments may be washed or dry-cleaned after removal of loose toner.
Environmental precautions	Do not flush into surface water or sanitary sewer systems. Dispose of waste material in accordance with all applicable laws.

6 Handling and storage

Handling	Keep containers closed when not in use. Handle and open containers with care. Use with adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Keep away from sources of heat, sparks and open flames.
Storage	Store at room temperature in the original container. Keep container tightly closed and dry. Do not store with strong oxidizers.

7 Exposure controls and personal protection

UK exposure guidelines	WEL: 10mg/m ³ (inhalable dust), 3mg/m ³ (respirable dust)
Personal protective equipment	
Eye / face	Wear dust resistant safety goggles if there is danger of eye contact
Hands / skin	Wear protective gloves
Respiratory protection	Wear approved respirator for dust when exposure exceeds permissible limits
Additional measures	Use in a well ventilated area. Use engineering controls to reduce air contaminants to permissible limits. Wash hands after use.

8 Toxicological information

Oral toxicity	Tests on toners have indicated there is no evidence of acute oral toxicity. Not believed to be classified for acute oral toxicity according to EU Directive 67/458/EEC and 1999/45/EC
Inhalation toxicity	No data
Eye irritation	Not believed to be classified as irritant according to OSHA HCS and EU 67/548/EEC as amended
Sensitization	Not believed to be classified as sensitizer according to OSHA HCS and EU 67/548/EEC as amended
Chronic toxicity	No data
Carcinogenicity	Carbon black is classified as a group 2B by IARC, but carbon black is present only in bound form in this preparation.

Notice. All safety information is given to help facilitate the safe use of this product and is based on information obtained from the manufacturer. This information is believed to be correct, but does not purport to be all-inclusive and shall only be used as a guide. U Refill Toner Ltd makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and / or compliance with local laws and regulations.

All information offered is believed to be true and is offered for consideration in good faith. However, U Refill Toner Ltd gives no warranties, neither explicit nor implicit as to the completeness or accuracy of any information offered nor the ultimate safety of refilling toner cartridges in any manner described or suggested nor the ultimate safety or hazardousness of products supplied by U Refill Toner Ltd. The onus is on the purchaser to evaluate all possible risk, including the possible incompleteness or inaccuracy of currently available information, and by proceeding to use the refill product or products, the purchaser thereby assumes all risk of peril or injury howsoever arising.

If you the purchaser decide not to go ahead with refilling for whatever reason, simply return the product or products to U Refill Toner Ltd and we will cheerfully refund your money. Your statutory rights are unaffected.





Refills by you ... thanks to you

Thanks for refilling the toner cartridges in your printer. We invented "do-it-yourself" toner refills in 1992, "melt & pour" in 1996 and put "unplug & pour" into internet-speak in 2002. We've never tried to patent or otherwise restrict the use of these ideas.

If you liked our product, please recommend us to friends and colleagues. We've survived for over 22 years – fighting giant corporations that dwarf us – thanks to your custom and recommendation.
No one here takes that, or you, for granted.

U Refill Toner Now needed more than ever Now refined more than ever

- ✓ more than halve the cost
- ✓ halve CO₂
- ✓ don't be a doormat for big manufacturers



*Original and largest selling
do-it-yourself toner refill*

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