

TECHNICAL DATA SHEET

BCD540 Knot Filler Battery Gun

BCD540 Knot Filler Battery Gun is a professional heating gun specifically developed for Thermelt Knot Filler. The BCD540 Battery Gun is cord-free which provides you the opportunity to freely move around and make Knot Filler repairs. The BCD540 Battery Gun comes with a 18V battery and gives you 100-120 minutes working time.

The BCD540 Battery Gun is a lightweight device that heats quickly, and has a unique effort-saving trigger. It works on a fixed temperature of 170°C, which fits the application of Thermelt Knot Filler.



TOOL SPECIFICATIONS

- * Colour Green
- * Weight 840g
- * Operating voltage 18V / 50Hz
- * Power (Lithium-Ion battery) 100W
- * Operating temperature 170°C
- * Heating time approx. 3 minutes
- * Operating time 100-120 min.

IMPORTANT INFO

- * Avoid contact with the nozzle and the melted Knot Filler as they reach high temperatures.
- * Never lay the BCD540 Knot Filler Battery Gun on the side.
- * Never point the BCD540 Knot Filler Battery Gun in an upright position.
- * Never pull out the stick of the BCD540 Knot Filler Battery Gun.
- * The BCD360 Knot Filler Battery Gun must be placed on a flat platform and cool down completely before it is put away. .

SPAREPARTS

- * Lithium-Ion battery, 18V 2.0Ah
- * Charger for Lithium-Ion battery, 100-240V 50/60Hz 85W



Place in standing position



Never place on the side!



Never point upwards!



SAFETY DATA SHEET

BCD540 Knot Filler Battery Gun

According to 2014/35/EU, 93/68/EC and 93/465/EC

Issued: November 2018

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

1.1 Product identifier

Product name: BCD540 Knot Filler Battery Gun

1.2 Relevant information of the substance/mixture and uses advised against

Use: For application and melting of Thermelt Knot Filler

1.3 Details of the supplier of the Safety Data Sheet

Supplier: Wood Repair by Boegh Consult A/S
 Charles Lindberghs Vej 6
 DK-9430 Vadum, Denmark
 Tel: +45-9827 1919
 Mail: info@woodrepair.dk
 Contact person: Susanne Bøgh

1.4 Emergency telephone number

24H Emergency phone: (Europe) 112, (Usa, Canada etc.) 911



2. HAZARDS IDENTIFICATION

2.1 Classifications of the product

Not classified

2.2 Classification according to CLP 1272/2008

Not classified

2.3 Other information/dangers:

Safety/dangers: The Knot Filler Battery Gun is only to be used with Thermelt Knot Filler sticks according to the information of the technical specifications.
 Do not use the Knot Filler Battery Gun before you are familiar with the use and possible danger hereof.
 Observe the normal safety measures when using electrical tools.



3. GENERAL INFORMATION

3.1 Technical specifications

BCD540 Knot Filler Battery Gun

Standard contents: Knot Filler Battery Gun, 18V Lithium-Ion battery, Charger for Lithium-Ion battery, user manual

Lightweight Knot Filler gun for Thermelt Knot Filler sticks (D 12mm)

Dimensions including battery: 250x80x225mm

Net weight (gun and battery): 840g

Operating voltage: 18 V / 2.0Ah or 5.0Ah

Power: 100W Lithium-Ion battery

Working temperature: 170°C

Integrated nozzle

Battery Status Indicator

Functioning time on fully charged battery 100-120 min

Lithium-Ion battery

18V 2.0Ah

Full charging time for device approx. 55 min

Charger for Lithium-Ion Battery

100-240V 50/60Hz 85W

3.2 Functional description

Knot Filler Battery Gun for use with Thermelt Knot Filler sticks

4. SAFETY AND FIRST AID MEASURES**4.1 Description of first aid measures**

In general:	Burn hazards when melted (according to our knowledge the fumes coming from the material when applied do not show any danger).
Inhalation:	Seek fresh air if you feel discomfort. See a doctor if you continue to feel discomfort.
Skin contact:	With melted product, rinse with plenty of cold water until pain disappears and continue another 15 min. Do not remove/tear off burnt product, moisturize skin with non-perfumed cream - see a doctor in case of severe burns.
Eye contact:	With melted product, rinse with plenty of cold water immediately. See an ophthalmologist and continue rinsing during transport.
Ingestion:	Not concerned.

4.2 General information

The Knot Filler Battery Gun is only to be used with Thermelt Knot Filler sticks according to the information of the technical specifications.

Do not use the Knot Filler Battery Gun before you are familiar with the use and possible danger hereof. Observe the normal safety measures when using electrical tools.

4.3 Possible danger areas

Please read the following information thoroughly to avoid personal or material damages!

Danger of burn:

The nozzle and the melted Knot Filler can reach very high temperatures. Avoid contact and use protective gloves if necessary.

Odour: Unpleasant odours can occur when using Knot Filler. Incorrect use can in some cases cause irritation. Always have the necessary ventilation.

**4.4 Safe use**

In order to protect against malfunctions and mal-operation, always follow the following info:

- Remove combustible or heat-sensitive objects from the vicinity of the nozzle.
- The warmed-up device must be placed on its stand. It must never be placed on its side.
- Never operate the trigger with excessive force.
- Protect the device from moisture and wetness (electric shock protection).
- Observe information contained in the Thermelt Knot Filler processing sheet (processing error avoidance).
- If working above head height, ensure that drops do not form to protect against burns to personnel or working equipment.
- Always let the device to cool down completely before storing it.

5. FIREFIGHTING MEASURES**5.1 Extinguishing media**

Extinguish media: All media are usable. Avoid using water jet as it may spread the fire.

5.2 Special hazards arising from the substance/mixture

Specific dangers: In case of high temperatures hazardous decomposition products may occur – Carbon dioxide, carbon

monoxide, nitrogen oxides, sulphur oxides and fumes.

5.3 Advice for firefighters

Protection: Use protection clothes and self-contained breathing apparatus (SCBA).

6. TROUBLE SHOOTING

List of possible fault indications and assistance in trouble-shooting:

Fault	Possible cause	Measures to be taken
None or too little Knot Filler though the heat-up time has been observed	1. Foreign object in the nozzle?	1. Clean nozzle
Leaking nozzle	Foreign object in nozzle	Clean nozzle
Knot Filler contains brown/black flakes	1. The Knot Filler was heated over recommended temperature 2. The Knot Filler was heated for too long and is coked	1. Lower the heating temperature during work breaks
The BCD540 does not heat up	Battery is dead	1. Charge battery 2. Change battery

7. REPAIRS

7.1 Repairs of BCD540 Knot Filler Battery Gun should only be carried out by trained electricians.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits: None. Check exposure limits for the used Thermelt Knot Filler.

DNEL/PNEC -

8.2 Exposure controls

Tech. measures: Ensure effective ventilation. Process ventilation recommended.

General: In the event that the working process is covered by the Directive for Work with OAR code numbered products (Labour Inspectorate Directive no. 302/1993) the personal measures must be chosen accordingly. See OAR code number in the Section 2 Hazard identification.
Smoking, eating or drinking, as well as storage of tobacco, food and drinks not allowed in working area. Wash hands and other exposed areas with mild soap and water before ingestions of food and beverage or smoking, as well as at the end of work. Ensure access to eye rinsing bottle and emergency shower (relevant for melted product). Avoid contact with skin and eyes of melted product.

Personal means: Personal means to be chosen in accordance with current CEN standards and in cooperation with the supplier of personal means.

Hand: We recommend use of non-fusible gloves.



Skin: Standard non-fusible working clothes.

Environment Never throw electronical devices in the domestic waste. According to the European directive 2002/96/EC for used electric and electronic devices and according to national regulations, used electric tools must be collected separately and treated in an environmentally compatible way for re-use. Packing material can be recycled completely.

9. WARRANTY

The device has been developed and manufactured using state-of-the-art technology. We offer all original purchasers a warranty corresponding to the statutory requirements for function, material and manufacture. Normal wear and tear is excluded. The warranty ceases if incorrect handling, application of force, repair by third parties and fitting of non-original spare parts is determined.

The warranty will be carried out as a replacement or repair from our side. Warranty beyond this will be denied as we are unable to check the handling of the gun nor the types of adhesives used in the gun.

[1] See Page 1 – “IMPORTANT INFO” and photos for guiding.

10. CONFORMITY DECLARATION

We, Wood Repair by Boegh Consult A/S, Charles Lindberghs Vej 6, 9430 Vadum, hereby declare that BCD540 Knot Filler Battery Gun complies with following regulations:

DS/EN 55022:2010+AC :2011

DS/EN 55024:2010

DS/EN 61000-3-2 :2006+A1 :2009+A2 :2009

DS/EN61000-3-3 :2013

DS/EN 60335-2-29:2004+A2:2010

DS/EN 60335-1 :2012+A11 :2014

in accordance with the provisions of the Directive 2014/30/EU, Annexe I.

According to the EU Directive:

Waste Electrical and Electronic Equipment (WEEE) – Directive 2002/96/EC.

This Knot Filler Battery Gun is not intended to be used by persons (including children under 18 years) with limited physic, emotional or mental capacities or persons who have not been advised by a responsible person how to use the Knot Filler Battery Gun. Children are not allowed to play with the Knot Filler Battery Gun. The Knot Filler Battery Gun is only to be used with recommended Thermelt Knot Filler. If used with other adhesives there is a risk of toxic fumes or destruction of the Knot Filler Battery Gun.

11. DISPOSAL CONSIDERATIONS

11.1 Waste treatment methods

Never throw electronical devices in the domestic waste. According to the European directive 2002/96/EC for used electric and electronic devices and according to national regulations, used electric tools must be collected separately and treated in an environmentally compatible way for re-use.

Packing material can be recycled completely.

12. TRANSPORT INFORMATION

Non-dangerous product.

	ADR/RID	IMDG/IMO
12.1 UN-number	-	-
12.2 UN proper shipping name	-	-
12.3 Transport hazard class(es)	-	-
12.4 Packing group	-	-
12.5 Environmental hazard		
MP	-	-
EMS	-	-
12.6 Special precautions for user	-	-
12.7 Transport in bulk according to Annex II of Marpol 73/78 and the BIC Code	-	-
Other information	-	-

13. REGULATORY INFORMATION

13.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EEC Council Directive 2014/35/EU of 26st of February 2014 Low Voltage Electrical Equipment:

EEC Council Directive 93/68/EEC of 22 July 1993 CE Marking Directive

EEC Council **Decision 93/465/EEC** of 22 July 1993: modules for conformity assessment procedures and rules for CE conformity marking

Labour Inspectorate (LI) Directive no. 292 dated April 26th 2001 on Work with substances and material (chemical agents) with changes.

Directive no. 559 dated July 4th 2002 on Specific obligations for producers, suppliers and importers of substances and material in accordance with the Working Environment Act.

LI-Directive no. 507 dated 17th May 2011, with changes.

LI- Directive no. 239 dated April 6th 2005 on Youth workers, with changes.

LI-Guidance no. 1309 dated 18th December 2012 on waste disposal.

Directive no. 48 dated January 13th 2010 on Waste disposal.

14. OTHER INFORMATION

14.1 Full wording of H-sentences in section 3:

None mentioned

Personnel to be instructed in correct use of the product. Personnel must read this Safety Data Sheet before using the product including the Technical Data Sheet.

To the best of our knowledge the information given herewith is accurate. However, no liability what so ever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

Issued by:

Susanne Bøgh

