

# Product Health and Safety Sheet

NEW FIRST-BRAID – 800 serie

Date created: 5/07/02 - Date last revised: 29/10/2019 - Revision Number : 02

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## **Recommendations For The Control Of Substances That Could Constitute A Hazard To Safety And Health**

Safety data sheet compliant with regulation 6 of (CHIP2)  
**Chemical (Hazard Information and Packaging for Supply) Regulations 1994**

### ***1 - Identification of the substance or preparation and company details:***

- 1.1 Commercial name : **NEW FIRST BRAID – 800 SERIE**  
1.2 Flux type: – Rosin-based.  
1.3 Manufacturer : **BMJ Electronics – 44830 Bouaye - France**  
1.4 Contact : Health & Safety Officer  
: Tel 00 33 240 326 723

### ***2 - Composition and information on ingredients:***

Ingredients	CAS Number	% Mass
Copper	7440-50-8	95.0 – 98.0
Modified Rosin	8050-09-7	2.0 – 5.0

### ***3 - Hazard identification.***

- 3.1 Risk Phrases : R42 May cause sensitisation by inhalation (of fumes produced when used)  
: R43 May cause sensitisation by skin contact  
3.2 Safety Phrases : S23 Do not breathe fumes (created when product is heated to working temperature – see section 9)  
: S24/S25 Avoid contact with skin and eyes.

### ***4 - First Aid Measures.***

- 4.1 Eyes : Flush with clean lukewarm water.  
4.2 Skin : Wash with soap and lukewarm water.  
4.3 Inhalation of flux fumes : Move subject away from source and seek medical aid.  
4.4 Oral Ingestion : Do not induce vomiting. Drink clean water and seek medical aid.

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### **5 - Fire fighting measures. (Methods to extinguish)**

- 5.1 Recommended : N/A
- 5.2 Exceptions : N/A
- 5.3 Others given : N/A

### **6 - Accidental release measures. (Leakage or spillage)**

- 6.1 Personal precautions : N/A
- 6.2 Environmental precautions: See notes under heading 13 – *Disposal considerations*.

### **7 - Handling packaging and storage.**

- 7.1 Handling precautions : Wash hands after handling.
- 7.2 Packaging : Wound onto plastic bobbins of various capacities.
- 7.3 Storage conditions : Keep in stores in original boxes at 20°C.

### **8 - Exposure controls and personal protection. (Individual safety)**

- 8.1 Eyes : Safety glasses should be worn if there is a risk of eye contact.
- 8.2 Skin : Usually not required for normal conditions of use.
- 8.3 Respiratory : When used, fume extraction equipment must be in operation locally...
- 8.4 Others given : Wash hands before consuming food.

### **9 - Physical and chemical properties.**

- 9.1 Physical State (Appearance) : Rosin-coated braided copper wire.
- 9.2 Working temperature : 300 – 400°C ( typical ).
- 9.3 Density : 2.60 g/cm<sup>3</sup> at 20°C.
- 9.4 Solubility in water : Insoluble
- 9.5 Flash point (Closed cup) : Exceeds 260°C
- 9.6 Automatic combustion temperature : Not available.

### **10 - Stability and reactivity.**

- 10.1 Condition to avoid : N/A
- 10.2 Materials to avoid : N/A
- 10.3 Hazardous decomposition : N/A

### **11 - Toxicological information. (Health, hazard and symptoms)**

- 11.1 Exposure : Could cause eye and lung irritation (from flux & fumes when used)
- 11.2 Long term skin contact : Could cause sensitisation

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### ***12 - Ecological information. (Protection of the environment)***

12.1 Biodegradability            The flux is biodegradable.

### ***13 - Disposal considerations.***

13.1 Waste Disposal: Any waste materials should be stored in sealed containers and be disposed of according to the relevant Acts of Parliament and Local Authority Bylaws, advice can be obtained from your local waste disposal officer.

13.2 Any scrap solder alloy or dross can be collected by a local metals re-processor

### ***14 - Transport information. (Special precautions)***

14.1 UN – Classification        : N/A

14.2 RID / ADR – Class        : N/A

14.3 IMDG                        : N/A

14.4 IATA                         : N/A

### ***15 - Regulatory information***

15.1 Where appropriate, refer to the information under the headings:

*8 - Exposure controls and personal protection*

*13 - Disposal considerations.*

### ***16 - Other Information***

16.1 General: This product should only be used by authorised personnel who have been properly trained in the handling and use in accordance with good industrial hygiene and safety practices.

*These records contain information which, to the best of our knowledge, is accurate, however, neither BMJ Electronics nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. These records do not replace the technical summary of use. The information being based on the knowledge of the condition of the product concerned at the relative date, being given in good faith. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution, although certain hazards are described herein, we cannot guarantee that these are the only ones which exist. These records are for the attention of the user, to point out the possible risks when the product is used as intended.*