



## MATERIAL SAFETY DATA SHEET (MSDS)

JAPAN BONKOTE CO., LTD.  
600-14 Kasahara-cho, Mito-city  
Ibaraki-pref., Japan 310-0852  
Purchasing Dept. Masamichi Kimura  
TEL: +81-29-241-2725  
FAX: +81-29-241-2726  
Issued on: May.18, 2011

We would like to certify that the following product(s) of ours do not contain any substances in Classification of hazardous harmful chemical substance. If there are any changes of the content of the harmful substance, will inform to you immediately.

<b>Section 1: Product and Company Identification</b>	
Product Name	BONPEN (Flux Pen)
Product Number	BON-102/BON-102T/BON-102D/BON-102B/BON-102F/BON-102K
Product Use	To apply flux on the soldering area
Manufacturer Name & Address	Japan Bonkote Co., Ltd. 600-14 Kasahara-cho, Mito-city, Ibaraki-pref., Japan 310-0852

<b>Section 2: Chemical and Physical Features</b>	
Chemical Substance Name	
Hazardous Substance	None
Known Carcinogen	None
Substance occurred by resolution	
Substance not to be mixed	
Form	Solid
Smell	
Color	
Gravity (water = 1)	
Boiling point	
Water Solubility	
Volatility	
Vaporization	
Stability	

<b>Section 3: Summary of Hazardous Harmful Chemical Substance</b>	
Hazardousness	None
Harmfulness	None

<b>Section 4: First Aid Measures</b>	
Skin Contact	
Eye Contact	
Inhalation	
Ingestion	

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<b>Section 5: Fire Fighting Measures</b>	
Extinguishing Method	Move the container to the safe place immediately in case of fire.
Extinguishing Media	AFFF(Aqueous film fire foam), Alcohol bubble-resisant, Powdered extinguisher, Carbon dioxide, Halogen compounds etc.

<b>Section 6: Accidental Release Measures</b>	

<b>Section 7: Storage and Handling</b>	
Storage	
Handling	BONPEN is an empty container for dispensing flux, and it shall be used for the liquid such as flux, or alcohol and water for washing. However, it doesn't guarantee all kinds of flux in the world. Before using it, please confirm the flux's specification.

<b>Section 8: Disposal Considerations</b>	

<b>Section 9: Transportation Information</b>	

<b>Section 10: Regulatory Information</b>	
Fire Law	
Industrial Safety and Health Law	
Vessel Safety Law	
Aviation Law	
PRTR Law	
Waste Matter's Disposition Law	

<b>Section 11: Other Information</b>	
Handling of mentioned contents	<p>Issuing this MSDS, items that are not referred in literature or information are omitted. This MSDS information is based on our best knowledge available, but it doesn't guarantee the perfection and preciseness of the information. And also, this information may be revised by updated knowledge without notice. It is necessary to handle carefully all chemical substances because they have unknown harmfulness. Please follow the decision of properness of this product under user's responsibility.</p>

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