



SPECIFICATION

NAME : ALMIT RC - 15SH - RMA FLUX

Lot No.	Marketing Name
	ALMIT RC - 15SH - RMA FLUX

NIHON ALMIT Co. Ltd.

Head Office: Almit Bldg., 2-14-2, Yayoicho, Nakano-ku, Tokyo
164, **Japan.** Tel: 03-3379-2277 Fax: 03-3374-2593

Almit Technology Ltd: Unit 7, Forest Row Business Park, Station Road,
Forest Row, East Sussex. RH18 5DW
England
Tel: +44(0)1342 822 844 Fax: +44(0)1342 824 155

Almit GmbH: FloBerstrasse 56, D-74321, Bietigheim-Bissingen,
Germany
Tel: +49(0)7142 773327 Fax: +49(0)7142 773335

Venso Elektronik AB: Ogardesvagen 21, SE-433 30 Partille, **Sweden**
Tel: +46(0)31 3400250 Fax: +46(0)31 3400275

1. Product Name: Almit RC - 15SH - RMA Flux

2. Scope: This specification is specified for Almit RC - 15SH - RMA Flux
Delivered by Nihon Almit Co., Ltd to Messrs. _____

3. Characteristics:

Item		Characteristics	Remarks
State		Low viscosity liquid	
Colour		Plum colour	
Specific Gravity		0.821 \pm 0.005	20 ⁰ C
Solids Content		5 - 15 %	Depends on Type
Dryness		Pass	MIL-F-14256E, JIS-Z-3197
Chlorine Content		0.00 %	by Ionchromat-analyzer
Copper Plate Corrosion Test		Pass	JIS-Z-3197
Insulating Resistance	Normal State	$> 1 \times 10^{13} \Omega$	JIS-Z-3197 Wave Soldering (250 ⁰ C) on Glass-Epoxy board, Pattern Distance 0.3mm
	After being held in conditions of High Humidity	$> 1 \times 10^{12} \Omega$	
Humidity Resistance at a High Voltage	Normal State	$> 1 \times 10^{13} \Omega$	JIS-Z-3197 Wave Soldering (250 ⁰ C) on Glass-Epoxy board, Pattern Distance 0.3mm
	After being held in conditions of High Humidity	$> 1 \times 10^{12} \Omega$	
Copper Mirror Corrosion Test		Pass	MIL-F-14256E
Solution Resistance		$> 100,000 \Omega \text{ cm}$	MIL-F-14256E
Spreadability		$> 80 \%$	MIL-F-14256E
Solvent		Isopropyl Alcohol	
Flux Type		L1	J-STD-0004

4. Packaging: Supplied in a volume of 1 litre, 5 litre and 25 litre containers.

5: Containers: The 1 litre size is supplied in a polyethylene bottle and the 5 litre and 25 litre sizes are supplied in polyethylene drums.

6. Identification:

Name	Almit RC - 15SH - RMA
Volume	1, 5, 25 litres
Lot No.	(Ex. 92.1.10)
Maker	Nihon Almit Co.Ltd.

7. Makers Address: Nihon Almit Co. Ltd. Almit Bldg., 2-14-2 1 Yayoicho, Nakano-ku, Tokyo, 164, JAPAN.

8. Changes to this specification must be approved by:-

Signed _____ Date _____

9. This product is manufactured from guaranteed materials according to the
" **LAW ON INSPECTION AND MANUFACTURING OF CHEMICAL SUBSTANCES** "
10. The raw materials used in this product do not contain any **SPECIAL CHEMICAL SUBSTANCES**
denoted in the " **SANITARY LAW FOR SAFE LABOURING** "
11. Because this product contains " **ISOPROPYL ALCOHOL** ", please treat according to the
" **RULES ON THE PREVENTION OF POISONING BY ORGANIC SOLVENTS** " in the above
SANITARY LAW.
12. Because this product contains " **ISOPROPYL ALCOHOL** ", please treat according to the
PETROLEUM No.1 denoted in item **No. 4** in the laws relating to " **INFLAMMABLE**
MATERIALS "

Appendix I

ANALYSIS OF FUMES PRODUCED BY
ALMIT RC - 15SH - RMA FLUX

ANALYSIS OF FUMES		ALLOWABLE LIMITS	TYPICAL RC-15SH
Resin	ppm	100	3.00
Aliphatic Amines	ppm	3.0	0.03
Aromatic Amines	ppm	2.0	0.04
Formaldehyde	ppm	1.0	0.16
Hydrogen Fluoride	ppm	3.0	0.03
Hydrogen Bromide	ppm	3.0	1.00
Isopropyl Alcohol	ppm	400	37.00

End