

SAFETY DATA SHEET

WATER BASED ROLLER TIN FLUX



1. IDENTIFICATION OF SUBSTANCE AND COMPANY

TRADE NAME WATER BASED ROLLER TIN FLUX. 14-15050, 14-15050-1, 14-15050-2

Producer/Distributor BLT CIRCUIT SERVICES Mega Electronics Ltd
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2. COMPOSITION / INFORMATION ON INGREDIENTS

No	Ingredient name	EC No:	CAS No:	Conc. (wt%)	EXPOSURE	Classification:
1	ISOPROPANOL	none	67-63-0	40	400 ppm	
2	INORGANIC ACID			<5	5 ppm	
EINECS: 200-661-7 CLASSIFICATION HIGHLY FLAMMABLE						
Legend: T+ = Very toxic, T= Toxic, C+ = Corrosive, Xn+ Harmful, Xi= Irritant, E= Explosive, O=Oxidising, F+= Extremely Flammable, F= High Flammable, N=Dangerous for the environment						

3. HAZARDS IDENTIFICATION

HIGHLY FLAMMABLE. INGESTION OF LARGE DOSES MAY LEAD TO ALCOHOLISM. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DEFATTING RESULTING IN DERMATITIS.



Highly Flammable

4. FIRST AID MEASURES

INHALATION MOVE TO FRESH AIR AND KEEP AT REST AND KEEP WARM. IF RECOVERY IS NOT RAPID, SEEK MEDICAL ATTENTION.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, SEEK MEDICAL ATTENTION.

EYE CONTACT: FLUSH WITH WATER FOR 10 MINUTES. SEEK MEDICAL ATTENTION

INGESTION: RINSE MOUTH OUT WITH WATER. DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS GIVE WATER TO DRINK. IF PATIENT FEELS UNWELL SEEK MEDICAL ATTENTION

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, SAND OR ALCOHOL RESISTANT FOAM.

UNSUITABLE EXTINGUISHERS: WATER JETS

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS REFER TO SECTION 8; PERSONAL PROTECTION

ENVIRONMENTAL PRECAUTIONS Avoid Entry Into Drainage System And Earth

METHODS FOR CLEANING UP Dry, Collect And Put Into Suitable Container For Disposal. Liquid: Absorb In Sand Or Other Inert Material And Put Into Suitable Container For Disposal.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS GOOD GENERAL VENTILATION. AVOID SOURCES OF IGNITION. DO NOT BREATHE VAPOURS

STORAGE INCLUDING ANY SPECIAL REQUIREMENTS (TEMPERATURE, VENTILATION, ETC) STORE IN PLASTIC CONTAINERS. KEEP IN WELL VENTILATED AREA, AWAY FROM REACTIVE SUBSTANCES.
TEMPERATURE RANGE: 10 – 15°C – HUMIDITY RANGE: DRY . USE NON-SPARKING TOOLS AND EARTH STRAPS.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

NORMAL GOOD ROOM VENTILATION SHOULD BE SUFFICIENT.

EXPOSURE LIMITS: 400 ppm (980 mg / m³) 8hr TWA; 500 ppm Type: OES 500ppm (1225 mg / m³) STEL

RESPIRATORY PROTECTION

TYPE APPROVED RPE FOR ORGANIC VAPOURS IF REQUIRED

SKIN PROTECTION

RECOMMENDED IN FORM OF COVERALLS AND BOOTS – WASH THOROUGHLY AFTER HANDLING CHEMICALS.

EYE PROTECTION

Wear Protective Glasses.

PROTECTIVE CLOTHING

RECOMMENDED IMPERVIOUS GLOVES e.g. NITRILE.

HYGENIC MEASURES

DO NOT SMOKE IN WORK AREA Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material

9. PHYSICAL AND CHEMICALS PROPERTIES

Physical State:	Liquid	Colour:	PINK TRANSPARENT LIQUID
Odour:	ALCOHOLIC	Oxidising Properties:	Strong Oxidiser
Melting Point / range:	88°C	Relative Density:	1.50g / Cm ³
Auto Ignition Point	398°C		
Expl. limit LEL-UEL%:	2.5 – 12.7 %	Solubility in water	MISCIBLE
Vapour Pressure:	33mmHg at 20°C	Specific Gravity	0.982
Decomposition temp:	STRONG OXIDISER	Rel. dens. sat. air (air=1)	1.66
pH Solution		Boiling point / range	79 – 82°C
Flash Point	NON FLAMMABLE	pH-VALUE, CONC. SOLUTION	13.5

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION, MOISTURE.

MATERIAL TO AVOID

STRONG OXIDIZING AGENTS

11. TOXICOLOGICAL INFORMATION

EFFECT OF EYE CONTACT: MAY CAUSE MILD EYE IRRITATION.

EFFECT OF SKIN CONTACT: MILD IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DEFATTING RESULTING IN DERMATITIS AND SECONDARY INFECTIONS.

EFFECT OF INHALATION: CAUGHING, DROWSINESS, DIZZINESS, NAUSEA, HEADACHES AND VOMITING, HYPOTENSION.

12. ECOLOGICAL INFORMATION

TOXICITY

AT LOW CONCENTRATIONS (ABOUT 10 ppm) THE MATERIAL IS BIODEGRADABLE

MOBILITY

N/A

13. DISPOSAL INFORMATION

GENERAL REGULATIONS	Safe disposal of product, its residues and packaging materials: USED CONTAINERS MUST NOT BE CUT UP OR PUNCTURED UNTIL COMPLETELY PURGED OF PRODUCT RESIDUES. In accordance with local regulations via licensed contractor
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14. TRANSPORT INFORMATION

Classified as Dangerous Goods

Yes



No



Not applicable



UN No: 1219 Packing Group

II

EMERGENCY ACTION CODE 2[S] E

Flammable liquid

GENERAL: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

ADR.RID:	Class	Packing Group:		Not translated:		Hazard id:	
IMDG:	Class	Packing Group:		Sub Risk:	EMS:	Marine Pollutant:	NO
IATA:	Class	Packing Group:	3	Sub Risk:	Label:		

15. REGULATORY INFORMATION

R-PHRASES	11	HIGHLY FLAMMABLE.
S-PHRASES	7	KEEP CONTAINER TIGHTLY CLOSED
	16	KEEP AWAY FROM SOURCES OF IGNITION
Recommended Uses And Restrictions:	Use Only As Directed.	

UK REGULATORY REFERENCES Health and Safety at Work Act 1974.
The Control of Substances Hazardous to Health Regulations.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES Workplace Exposure Limits EH40.

16. OTHER INFORMATION

INFORMATION SOURCES: This safety data sheet has been prepared on the basis of information given by raw material suppliers

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DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.