

MATERIAL SAFETY DATA SHEET

BM-1 RMA - Nc

Trade name: BM-1 RMA - Nc

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2. COMPOSITION AND INFORMATION ON THE INGREDIENTS

Name	CAS-Nr.	Content	Symbol	R-specification
Glycol Ether Solvent System		30-50		
Activators		0-5		
Colophony	8050-09-7	40-60	Xi	R43,R37

3. HAZARDS IDENTIFICATION

Main Hazards May cause irritation to respiratory system.
May cause sensitisation to the skin.

Health Effects Inhalation May cause irritation to respiratory system.

Health Effects Ingestion Ingestion may cause irritation to the abdominal region.
Long term exposure may include: Constipation or Diarrhoea, Fatigue, Anorexia, Abdominal pain.

Health Effects Skin May cause sensitisation to the skin.

Health Effects Eye May cause sensitisation and irritation to the eyes.

4. FIRST AID MEASURES

Eye contact	Flood the eye immediately with copious amounts of cool fresh water for 10-15 mins. Pay particular attention to under the eyelids. Call for immediate medical attention.
Skin contact	Wash the effected area with soap and water immediately. If skin sensitisation persists consult a physician.
Ingestion	Do not induce vomiting. Call for immediate medical attention.
Inhalation	Remove at once to fresh air. Call for immediate medical attention if there is any respiratory distress.

5. FIRE FIGHTING MEASURES

Extinguishing media	Not highly flammable. Select the extinguisher medium to suit any other material involved.
Unsuitable Extinguishing media	Do NOT use water.
Special hazards	High temperatures may give off dust and fumes.
Fire fighters protective equipment	Wear full protective clothing and Self contained breathing apparatus operating in the positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear the appropriate protective clothing.
Environmental precautions	Prevent any material entering watercourses and drains etc. Advise the Local and River authorities if spillage has entered watercourses soil or vegetation.
Spillage	Transfer into a suitable container for safe disposal.

7. HANDLING AND STORAGE

Handling	Avoid breathing or ingesting fumes. Use local exhaust ventilation when soldering.
Storage	Store in a cool dry ventilated area.

8. PERSONAL PROTECTION AND EXPOSURE CONTROL

Protective equipment



National standards for Occupational Exposure

See also Regulatory information

Engineering control procedures

Engineering solutions should be implemented to prevent or reduce exposure to soldering fumes and dust. This should include process or personnel enclosure. Mechanical dust and fume extraction to atmosphere/scrubber. Control of process to reduce or eliminate emissions. Documented process and safety controls and personnel protection, gloves, Masks etc.

Respiratory protection

Where there is a high risk to fume and dust ingestion a respirator should be worn.

Hand protection

When handling hot liquid (to be avoided if possible) thick thermally insulating gloves should be worn. Avoid damp or wet gloves. Wash hand after handling with soap and warm water particularly before eating or drinking.

Eye and Facial protection

A full heat resistant helmet face shield, Goggles or Safety glasses should be worn as appropriate.

Body protection

Normal industrial work wear, avoid exposed skin. Protective footwear.

Biological Standards

If used with Lead based products blood lead monitoring and medical surveillance requirements, refer to the HSC Approved code of practice supporting the Control of Lead and Work Regulations.

Employees should be under medical surveillance IF the Risk Assessment made under the Control of Lead at Work Regulations indicates they are likely to be exposed to significant concentrations of lead, or if the Company medical advisor or a Doctor certifies that an employee should be under medical surveillance.

A female employed on work which exposes her to lead MUST notify her employer as soon as possible if she becomes pregnant. The Company medical Adviser should be advised of there pregnancy and working environment i.e.: Exposure to Lead.

Under the management of Health And Safety at Work (Amendment) Regulations 1994 employers should assess the risks at work to the health of pregnant workers, those who have recently given birth, or who are currently Breast feeding.

9. CHEMICAL AND PHYSICAL PROPERTIES

Appearance	Viscous Liquid
Colour	Straw
Odour	Mild
Boiling point (°C)	>240°C
Melting point (°C)	-
Specific Gravity	1.08 (26°C)
Vapour pressure	>0.01mmHg(20°C)
Solubility	Not soluble in water
Flash point (°C)	> 160°C
Ignition temperature (°C)	> 300°C

10. STABILITY AND REACTIVITY

Stability	Stable under all normal factory conditions.
Conditions to avoid	None.
Materials to avoid	Avoid contact with strong oxidisers.
Hazardous Decomposition products	Boiling liquid may give off fumes. Avoid temps above 400 °C.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Can lead to skin inflammation and respiratory irritation.
Reproductive and Developmental	Not considered to be a hazard.
Skin contact	Absorption through the skin is not significant.
Chronic Toxicity / Carcinogens	It may influence the central nerve, the alimentary system, the blood formation system, and the liver. Not considered carcinogenic.

12. ENVIRONMENTAL INFORMATION

Ecotoxicity	Not rated as toxic to Aquatic species.
Degradability and Persistence	Resistant to Bio-degradation and insoluble in water.
Mobility	Product is insoluble and inviolate, will accumulate in the ground.
Bio-accumulation	Bio-accumulation is not expected.

13. DISPOSAL PROCEDURES

Product disposal	Waste should be disposed under the “Special Waste” regulations COPA 1980, Control of Pollution Act 1974, and the Environmental Protection Act 1990.
Container disposal	Containers must not be re-used. Dispose with care. See European Waste Catalogue (EWC): 06 04 05.

14. TRANSPORT PROCEDURES

Road transport:	ADR: Not classified as hazardous for transport.
Transport by train: RID	Not classified as hazardous for transport.
Marine pollutant IMDG Class	No. Not classified as hazardous for transport.
Transport by air: IATA	Not classified as hazardous for transport

15. REGULATORY INFORMATION

Label Information



Health, Safety, Environment. Not Classified

Risk phrases	R37: Irritating to respiratory system R43: May cause sensitisation by skin contact
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Safety phrases	S 2	Keep out of the reach of children.
	S 3	Keep in a cool place.
	S 4	Keep away from living quarters.
	S 7	Keep container tightly closed.
	S 23	Do not breathe fumes.
	S 25	Avoid contact with eyes.
	S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S 27	Take off immediately all contaminated clothing.
	S 29	Do not empty into drains.
	S 30	Never add water to this product.
	S 46	If swallowed, seek medical advice immediately and show container or label.
	S 49	Keep only in the original container.
	S 56	Dispose of this material and its container to hazardous or special waste collection point.

Applicable E Directives	Dangerous Substances Directive 67\548/EEC and as amended by Directive 92/32/EEC. Dangerous Preparations Directive 88/379/EEC and as amended by Directive 90/492/EEC. Directive 70/1107/EEC Protection of Workers from risk related to exposure to Physical, Chemical and Biological agents at work. Administration Directive substances that are dangerous for water; dated 17.05 1999..
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Technical Guidance	An Introduction to Local Exhaust Ventilation HS(G)37: Respiratory Protective Equipment-a Practical Guide for Users. HS(G)53: Approved Code of Practice-Management of Health & Safety at Work A Step by Step Guide to the COSHH Regulations HS(G)97
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This safety data sheet has been revised and rewritten to comply with the Chemicals (Hazard Information & (Packaging) Regulations 1997. Commission Directive 91/155/EEC. As amended by Directive 93/112/EEC.

16. OTHER INFORMATION

No warranty is expressed or implied concerning the accuracy of this data.
In case of doubt or for clarification Almit should be consulted. Almit are unable to anticipate all condition's under which the product may be used, and users are advised to carry out an assessment of workplace risk and carry out their own tests to determine the Safety and Suitability for the process and conditions of use.

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