

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product

BM-1 RMA Nc

Name of product

Identified uses

Product categories [PC]

Fluxes

Effect of the substance / the mixture

Distributor

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Advice

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E-mail (competent person)

Manufacturer

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Phone

2. Hazards identification

2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC

Xi; R37

R43

R-phrases

37

Irritating to respiratory system.

43

May cause sensitisation by skin contact.

Additional hints

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

GHS07



GHS08

Signal word

Warning

Hazard statements for health hazards

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Precautionary Statements**Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Other hazards**Adverse physicochemical effects**

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

This material is combustible, but will not ignite readily.

Other adverse effects

People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

Information pertaining to special dangers for human and environment

Harmful by inhalation, in contact with skin and if swallowed.

Irritating to eyes and respiratory system.

3. Composition/information on ingredients**REACH registration number****Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
8050-09-7	232-475-7	colophony	40 - 60	R43

4. First aid measures

General information

Remove contaminated soaked clothing immediately.
In case of allergic reactions, specially at respiratory tract, seek medical treatment immediately.
Take affected person into fresh air.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.
Seek medical advice immediately.

In case of skin contact

In case of contact with skin wash off with soap and water.
Consult a doctor if skin irritation persists.

In case of eye contact

Eye rinsing with water carefully while protecting unhurt eye.
Seek medical advice immediately.

In case of ingestion

Induce the patient to vomit by him self only if fully conscious.
If swallowed by mistake drink plenty of water and seek medical treatment.
Rinse out mouth thoroughly with water.

5. Firefighting measures

Suitable extinguishing media

nitrogen
Foam
Dry fire-extinguishing substance
Dry powder
Carbon dioxide
sand

Extinguishing media which must not be used for safety reasons

water

Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.
In the event of fire the following can be released:

Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Additional information

Cool endangered containers with water spray jet.

6. Accidental release measures

Personal precautions

Use personal protective clothing.
Keep away sources of ignition.
Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Do not discharge into the subsoil/soil.

Methods for cleaning up

Clean contaminated objects and floor thoroughly under consideration of environment regulations.
Take up residues with suitable absorbent materials.

Additional Information

Informations for safe handling see chapter 7.
Informations for personal protective equipment see chapter 8.
Informations for disposal see chapter 13.

7. Handling and storage

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Open and handle container with care!

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Requirements for storage rooms and vessels

Keep in closed original container.
Ventilate store-rooms thoroughly.
Keep only in original container.

Advice on storage compatibility

Keep only in original container at cool and aired place at a distance of acids, alkalies or combustible materials.

Further information on storage conditions

Store at cool and aired place.

Information on storage stability

Storage time: 12 months.

8. Exposure controls/personal protection

Respiratory protection

If ventilation insufficient, wear respiratory protection.
In case of insufficient ventilation or long-term effect use breathing apparatus.
Breathing apparatus

Hand protection

PVC gloves
Neoprene gloves

Eye protection

safety goggles, in case of increased risk add protective face shield

Skin protection

Light protective clothing.

General protective measures

Avoid contact with eyes and skin
Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink, smoke or take drugs.
Remove soiled or soaked clothing immediately.
Work in rooms with good ventilation.
Keep away from food and drink.
Wash hands and skin before breaks and after work.

9. Physical and chemical properties**Form**
gel**Colour**
amber**Odour**
mild**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
Flash point	> 120 °C				
Ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	0,01 mbar	20 °C			
Density	1,081 g/cm ³	20 °C			
Bulk density	not determined				
Rel. vapour density	not determined				
Viscosity	not determined				
Solvent concentration	< 40 %				
Solids content	60 %				

Additional information**10. Stability and reactivity****Conditions to avoid**

no

Materials to avoid

Reactions with acids and strong oxidising agents.

Hazardous decomposition products
Carbon monoxide and carbon dioxide.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			
Irritability eye	irritant			
Skin sensitization	sensitizing			

12. Ecological information

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Data on elimination (persistence and degradability)

Data on elimination (persistence and degradability)

Elimination rate	Method of analysis	Method	Validation
			Slightly biodegradable

Biological degradability

Degradability according to WRMG

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

Mobility and bioaccumulative potential

Mobility and bioaccumulative potential

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General regulation

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

13. Disposal considerations

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

Land and inland navigation transport ADR/RID

Not classified.

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

15. Regulatory information

Chemical Safety Assessment

16. Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 43 May cause sensitisation by skin contact.