

SAFETY DATA SHEET



MasterRoc MP 368 PART B

Version 1.0 Revision Date: 08.08.2023 SDS Number: 000000736056 Date of last issue: -
Date of first issue: 08.08.2023

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MasterRoc MP 368 PART B

Product code : 000000000050459477

Manufacturer or supplier's details

Company : MB Solutions Australia Pty Ltd

Address : 11 Stanton Road, Seven Hills
NSW 2147

Telephone : +611300227300

Emergency telephone : ChemTel: +1-813-248-0585; Australia: 1-300-954-583

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Inhalation) : Category 4

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2

Serious eye damage/eye irritation : Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Skin sensitization : Category 1B

Carcinogenicity : Category 2

Specific target organ toxicity - single exposure : Category 3


Specific target organ toxicity - repeated exposure : Category 2 (Olfactory organs)

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(Inhalation)

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H319 Causes serious eye irritation.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P271 Use only outdoors or in a well-ventilated area.
P260 Do not breathe dusts or mists.
P201 Obtain special instructions before use.
P261 Avoid breathing mist.
P202 Do not handle until all safety precautions have been read and understood.
P284 In case of inadequate ventilation wear respiratory protection.
P272 Contaminated work clothing should not be allowed out of the workplace.
P264 Wash face, hands and any exposed skin thoroughly after handling.

Response:
P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.

Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:
P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards which do not result in classification

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : isocyanate

Components

Chemical name	CAS-No.	Concentration (% w/w)
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	>= 60 -<= 100

SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

If inhaled : Remove to fresh air immediately. Get medical attention immediately.
If breathing difficulties develop, aid in breathing and seek immediate medical attention.

In case of skin contact : Take off all contaminated clothing immediately.
After contact with skin, wash immediately with a polyethylene glycol solution, followed by plenty of water.
or
Wash off immediately with soap and plenty of water.
Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.

In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.

If swallowed : Do NOT induce vomiting.
Rinse mouth with water.
Never give anything by mouth to an unconscious person.
If accidentally swallowed obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam
Dry chemical
Carbon dioxide (CO₂)
Water spray in large fire situations

Unsuitable extinguishing : water jet

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media

Hazardous combustion products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.
harmful vapours
isocyanate
hydrogen cyanide

Specific extinguishing methods : The degree of risk is governed by the burning substance and the fire conditions.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and chemical-protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Use breathing apparatus if exposed to vapours/dust/aerosol.
Wear eye/face protection.
Use personal protective clothing.
Handle in accordance with good building materials hygiene and safety practice.
Information regarding personal protective measures, see section 8.

Environmental precautions : Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralize with a solution of 5 - 10 % Sodium carbonate, 0,2 - 2 % detergents and 90 - 95 % water.
Dike spillage.
Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Product is not explosive.

Normal measures for preventive fire protection.

Advice on safe handling : Ensure thorough ventilation of stores and work areas.
Avoid aerosol formation.
Avoid contact with the skin, eyes and clothing.
Avoid inhalation of dusts/mists/vapours.
When handling heated product, vapours of the product should be ventilated, and respiratory protection used.

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Wear respiratory protection when spraying.
Clean up contamination as soon as they occur.
Provide basic employee training to prevent/minimize exposures.
Products freshly manufactured from isocyanates can contain incompletely reacted isocyanates and other dangerous substances.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.

- Hygiene measures : When using, do not eat, drink or smoke.
Take off immediately all contaminated clothing.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
Protect from direct sunlight.
Protect against moisture.
Formation of CO₂ and build up of pressure possible.
Danger of bursting when sealed gastight.
- Materials to avoid : Observe TRGS 509/510 storage rules.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	TWA	0,02 mg/m ³ (NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0,07 mg/m ³ (NCO)	AU OEL
	Further information: Sensitiser			
		TWA	0,02 mg/m ³ (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0,07 mg/m ³ (NCO)	AU OEL

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	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser
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Personal protective equipment

Respiratory protection : Respiratory protection in case of vapour/aerosol release. Combination filter for gases/vapours of organic compounds and solid and liquid particles (f.e. EN 14387 Type A-P2) Particle filter with high efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P3 or FFP3). Suitable respiratory protection for higher concentrations or long-term effect: Self-contained breathing apparatus.

Hand protection

Remarks : Chemical resistant protective gloves (EN 374) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): butyl rubber (butyl) - 0.7 mm coating thickness nitrile rubber (NBR) - 0.4 mm coating thickness chloroprene rubber (CR) - 0.5 mm coating thickness Unsuitable materials polyvinylchloride (PVC) - 0.7 mm coating thickness Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Skin and body protection : Body protection must be chosen based on level of activity and exposure.

Protective measures : Do not inhale dust/fumes/aerosols. With products freshly manufactured from isocyanates body protection and chemical resistant protective gloves is recommended. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Wearing of closed work clothing is recommended. Handle in accordance with good building materials hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : brown

Odor : characteristic

pH : substance/mixture reacts with water

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Boiling point : not determined

Flash point : 200 °C

Flammability (liquids) : Not classified as a flammability hazard

Self-ignition : not self-igniting

Upper explosion limit / Upper flammability limit : No applicable information available.

Lower explosion limit / Lower flammability limit : No applicable information available.

Density : 1,16 g/cm³ (20 °C)

Solubility(ies)
Water solubility : No data available

Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : not determined

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity
Viscosity, dynamic : 115 mPa.s (23 °C)

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Oxidizing properties : not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Acids
Alcohols
Amines
Ammonia
Water

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Alkalines
Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.
In case of fire hazardous decomposition products may be produced such as:
Carbon dioxide (CO₂)
Carbon monoxide
Nitrogen oxides (NO_x)
hydrogen cyanide
Isocyanates

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute inhalation toxicity : Acute toxicity estimate: 15,67 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Chronic toxicity**Carcinogenicity****Product:**

Remarks : Industrial cleaning with aprotic polar solvents (meeting the IUPAC definition) may lead to formation of hazardous primary aromatic amine (>0,1%).

Further information**Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

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Persistence and degradability**Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available.
Discharge into the environment must be avoided.

Mobility in soil**Product:**

Mobility : Remarks: No data available

Distribution among environmental compartments : Remarks: No data available

Stability in soil : Remarks: No data available

Other adverse effects**Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Observe national and local legal requirements.
Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

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UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

ASIA_ROAD

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Hazchem Code : Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regula-

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tions.

The ingredients of this product are reported in the following inventories:

AIIC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

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Date format : dd.mm.yyyy

Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

AU OEL / TWA : Exposure standard - time weighted average

AU OEL / STEL : Exposure standard - short term exposure limit

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not

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to be considered a warranty or quality specification. The 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, unless specified in the text.

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