

# SAFETY DATA SHEET



## MasterRoc MP 367 Foam Part B

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000256201      Date of last issue: 07/28/2023  
Date of first issue: 01/18/2023

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### SECTION 1. IDENTIFICATION

Product name : MasterRoc MP 367 Foam Part B  
Product code : 000000000059200024 000000000059200024  
Other means of identification : No data available

#### Manufacturer or supplier's details

Company name of supplier : Master Builders Solutions Canada Inc.  
Address : 1800 CLARK BLVD  
Brampton ON L6T 4M7  
Emergency telephone : ChemTel: +1-813-248-0585;  
National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

#### Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals  
Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Acute toxicity (Inhalation - vapour) : Category 4  
Skin irritation : Category 2  
Eye irritation : Category 2A  
Respiratory sensitization : Category 1  
Skin sensitization : Category 1  
Specific target organ toxicity - single exposure : Category 3  
Specific target organ toxicity - repeated exposure (Inhalation) : Category 2

#### GHS label elements

**MasterRoc MP 367 Foam Part B**

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000256201      Date of last issue: 07/28/2023  
Date of first issue: 01/18/2023

---

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.  
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

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.  
P261 Avoid breathing mist.  
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:**

P312 Call a POISON CENTER/ doctor/ .?/ if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P314 Get medical advice/ attention if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

**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

# SAFETY DATA SHEET

## MasterRoc MP 367 Foam Part B

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000256201      Date of last issue: 07/28/2023  
Date of first issue: 01/18/2023

waste collection point.

### Other hazards

Contains isocyanates. Inhalation of isocyanate mists or vapors may cause respiratory irritation, breathlessness, chest discomfort and reduced pulmonary function. Overexposure well above the PEL may result in bronchitis, bronchial spasms and pulmonary edema. Animal tests indicate that skin contact may play a role in causing respiratory sensitization.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
Chemical nature : Blend based on:  
isocyanate

#### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Isocyanic acid, polymethylenepolyphenylene ester (P-MDI)	P-MDI	9016-87-9	$\geq 30 - < 50$
Diphenylmethane-4,4'-diisocyanate (MDI)	MDI	101-68-8	$\geq 30 - < 50$
tris(2-chloro-1-methylethyl)phosphate	2-Propanol, 1-chloro-, phosphate (3:1)	13674-84-5	$\geq 5 - < 10$
triethyl phosphate	Phosphoric acid, triethyl ester	78-40-0	$\geq 1 - < 5$
diphenylmethane-2,4'-diisocyanate	Benzene, 1-isocyanato-2-[(4-isocyanato-phenyl)methyl]-	5873-54-1	$\geq 1 - < 5$
Isocyanic acid, polymethylenepolyphenylene ester, polymer with alpha-hydro-omega-hydroxypoly(oxy-1,2-ethanediyl)	Isocyanic acid, polymethylene-polyphenylene ester, polymer with $\alpha$ -hydro- $\omega$ -hydroxypoly(oxy-1,2-ethanediyl)	57636-09-6	$\geq 0.1 - < 1$

Actual concentration is withheld as a trade secret

### SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

**MasterRoc MP 367 Foam Part B**

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000256201	Date of first issue: 01/18/2023

---

- If inhaled : Keep patient calm, remove to fresh air.  
If symptoms persist, seek medical advice.
- In case of skin contact : After contact with skin, wash immediately with plenty of water and soap.  
Under no circumstances should organic solvent be used.  
If irritation develops, seek medical attention.
- In case of eye contact : Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.  
Do not induce vomiting unless told to by a poison control center or doctor.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.  
May cause damage to organs through prolonged or repeated exposure if inhaled.
- Notes to physician : Treat symptomatically.
- 

**SECTION 5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : fumes/smoke  
harmful vapours  
Carbon oxides  
nitrogen oxides  
carbon black
- Further information : The degree of risk is governed by the burning substance and the fire conditions.  
If exposed to fire, keep containers cool by spraying with water.  
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.  
Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment : Wear a self-contained breathing apparatus.

## MasterRoc MP 367 Foam Part B

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000256201	Date of first issue: 01/18/2023

---

for fire-fighters

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
Wear eye/face protection.  
Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.  
Dispose of absorbed material in accordance with regulations.

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### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- 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.
- Recommended storage temperature : 0 - 35 °C
- Further information on storage stability : PROTECT FROM FREEZING.

## MasterRoc MP 367 Foam Part B

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000256201      Date of last issue: 07/28/2023  
 Date of first issue: 01/18/2023

**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 (P-MDI)	9016-87-9	TWA	0.005 ppm 0.07 mg/m <sup>3</sup>	CA AB OEL
		TWAEV	0.005 ppm 0.051 mg/m <sup>3</sup>	CA QC OEL
		TWA	0.005 ppm	CA BC OEL
		C	0.01 ppm	CA BC OEL
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8	TWA	0.005 ppm 0.05 mg/m <sup>3</sup>	CA AB OEL
		TWA	0.005 ppm	CA BC OEL
		C	0.01 ppm	CA BC OEL
		TWA	0.005 ppm	CA ON OEL
		C	0.02 ppm	CA ON OEL
		TWAEV	0.005 ppm 0.051 mg/m <sup>3</sup>	CA QC OEL
		TWA	0.005 ppm	ACGIH

**Engineering measures** : Ensure adequate ventilation.

**Personal protective equipment**

**Respiratory protection** : When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place.

**Hand protection**

**Remarks** : Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection** : Wear safety glasses with side shields or goggles.

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

**Protective measures** : Do not inhale dust/fumes/aerosols.  
 Avoid contact with the skin, eyes and clothing.  
 Avoid exposure.  
 Handle in accordance with good building materials hygiene and safety practice.  
 Wearing of closed work clothing is recommended.

**Hygiene measures** : When using, do not eat, drink or smoke.  
 Hands and/or face should be washed before breaks and at the end of the shift.

**MasterRoc MP 367 Foam Part B**

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000256201	Date of first issue: 01/18/2023

---

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).

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	liquid
Color	:	dark brown
Odor	:	aromatic
Odor Threshold	:	not determined
pH	:	substance/mixture reacts with water
Melting point	:	No data available
Freezing point	:	No data available
boiling temperature	:	330 °C (1,013 hPa)
Flash point	:	> 200 °C  Method: Flashpoint test using closed cup, determination of flashpoint.
Evaporation rate	:	not determined
Flammability (liquids)	:	Not classified as a flammability hazard Method: derived from flash point
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	< 0.01 hPa (25 °C)
Relative vapor density	:	8.5 (20 °C )
Relative density	:	1.4 (20 °C)
Density	:	approx. 1.25 g/cm <sup>3</sup> (20 °C)
Bulk density	:	Not applicable
Solubility(ies)	:	

# SAFETY DATA SHEET



## MasterRoc MP 367 Foam Part B

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000256201      Date of last issue: 07/28/2023  
Date of first issue: 01/18/2023

---

Water solubility : hydrolyzes

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : No data available

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

Viscosity

    Viscosity, dynamic : 170 mPa.s

    Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation point : No data available

Molecular weight : Not applicable

Metal corrosion rate : No corrosive effect on metal.

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

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

Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.



**MasterRoc MP 367 Foam Part B**

Version      Revision Date:      SDS Number:      Date of last issue: 07/28/2023  
2.0          08/15/2023          000000256201      Date of first issue: 01/18/2023

---

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

Harmful if inhaled.

**Product:**

Acute inhalation toxicity      :    ATE: 2.0 mg/l  
Remarks: Determined for mist

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure if inhaled.

**Aspiration toxicity**

Not classified based on available information.

**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.

**MasterRoc MP 367 Foam Part B**

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000256201      Date of last issue: 07/28/2023  
Date of first issue: 01/18/2023

---

**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.

**Persistence and degradability**

**Product:**

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Result: Under test conditions no biodegradation observed.  
Biodegradation: < 10 %  
Exposure time: 28 d  
Method: MITI Test (II), inherent.

**Bioaccumulative potential**

No data available

**Mobility in soil**

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.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.  
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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**SECTION 14. TRANSPORT INFORMATION**

**International Regulations**

**MasterRoc MP 367 Foam Part B**

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000256201	Date of first issue: 01/18/2023

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**UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

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

Not applicable for product as supplied.

**Domestic regulation****TDG**

Not regulated as a dangerous good

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**SECTION 15. REGULATORY INFORMATION**
**The ingredients of this product are reported in the following inventories:**

TSCA	:	All substances listed as active on the TSCA inventory
DSL	:	All components of this product are on the Canadian DSL

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**SECTION 16. OTHER INFORMATION**
**Full text of other abbreviations**

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
CA BC OEL	:	Canada. British Columbia OEL
CA ON OEL	:	Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.
CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / C	:	ceiling limit
CA ON OEL / C	:	Ceiling Limit (C)
CA ON OEL / TWA	:	Time-Weighted Average Limit (TWA)
CA QC OEL / TWA EV	:	Time-weighted average exposure value

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

# SAFETY DATA SHEET



## MasterRoc MP 367 Foam Part B

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000256201	Date of first issue: 01/18/2023

---

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; KECl - 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; TECl - 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

Revision Date : 08/15/2023  
Date format : mm/dd/yyyy

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 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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