

SAFETY DATA SHEET



MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

SECTION 1. IDENTIFICATION

Product name : MasterRoc MP 368 Part B
Product code : 000000000050701466 000000000050701466
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.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Acute toxicity (Inhalation) : Category 4
Skin corrosion/irritation : Category 2
Serious eye damage/eye irritation : Category 2A
Respiratory sensitization : Category 1
Skin sensitization : Category 1
Skin sensitization : Category 1B
Specific target organ toxicity - single exposure : Category 3
Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Olfactory organs)

GHS label elements

SAFETY DATA SHEET

MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

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.

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.

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:

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.

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

MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
 Date of first issue: 01/24/2023

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 : No applicable information available.

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Diphenylmethane-4,4'-diisocyanate (MDI)	MDI	101-68-8	>= 25 - < 50
Diphenylmethandiisocyanat, isomeres and homologues (P-MDI)	P-MDI	9016-87-9	>= 25 - < 50
2-(2-butoxyethoxy)ethyl acetate	Ethanol, 2-(2-butoxyethoxy)-, acetate	124-17-4	>= 7 - < 10
diphenylmethane-2,4'-diisocyanate	Benzene, 1-isocyanato-2-[(4-isocyanato-phenyl)methyl]-	5873-54-1	>= 1 - < 3
Polymethylene polyphenylisocyanate, polyethylene glycol polymer	Isocyanic acid, polymethylene-polyphenylene ester, polymer with α -hydro- ω -hydroxy-poly(oxy-1,2-ethanediyl)	57636-09-6	>= 0.3 - < 1

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 the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

SAFETY DATA SHEET

MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

- In case of skin contact : Take off all contaminated clothing immediately.
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 : 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.
-

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
Dry chemical
Carbon dioxide (CO₂)
Water spray in large fire situations
- Unsuitable extinguishing media : water jet
- Specific hazards during fire fighting : Reacts with water, with formation of carbon dioxide.
- Hazardous combustion products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.
harmful vapours
isocyanate
hydrogen cyanide
- Further information : Use water spray to cool unopened containers.
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

SAFETY DATA SHEET



MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

- 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 : Contain spillage.
Absorb isocyanate with suitable absorbent material (see § 40 CFR, sections 260, 264 and 265 for further information).
Shovel into open container.
Spill area can be decontaminated with the following recommended decontamination solution:
Mixture of 90 % water, 5-8 % household ammonia, 2-5 % detergent.
Wash down spill area with decontamination solution.
Allow solution to stand for at least 10 minutes.
Pick up with suitable absorbent material.
Place into appropriately labeled waste containers.
Do not make container pressure tight.
Move container to a well-ventilated area (outside).
Allow to stand for at least 48 hours to allow escape of evolved carbon dioxide.
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.
Wear respiratory protection when spraying.
Clean up contamination as soon as they occur.
Products freshly manufactured from isocyanates can contain incompletely reacted isocyanates and other dangerous substances.
Persons with a history of 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.
If bulging of drum occurs, transfer to well ventilated area,

SAFETY DATA SHEET

MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

- puncture to relieve pressure, open vent and let stand for 48 hours before resealing.
- 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.
- Further information on storage stability : No data available.
-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.
For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full face-piece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection

Remarks : Chemical resistant protective gloves should be worn to prevent all skin contact. Suitable materials may include chloroprene rubber (Neoprene) nitrile rubber (Buna N) chlorinated polyethylene polyvinylchloride (Pylox) butyl rubber depending upon conditions of use. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.
Wear face shield if splashing hazard exists.

Skin and body protection : Cover as much of the exposed skin as possible to prevent all skin contact.

MasterRoc MP 368 Part B

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000736056	Date of first issue: 01/24/2023

- Suitable materials may include
saran-coated material
Chemical resistant protective boots
- Protective measures : Do not breathe vapour/aerosol/spray mists.
Observe the appropriate PEL or TLV value.
Wear protective clothing as necessary to prevent contact.
With products freshly manufactured from isocyanates body protection and chemical resistant protective gloves is recommended.
Eye wash fountains and safety showers must be easily accessible.
- 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).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Color : brown
- Odor : characteristic
- Odor Threshold : No data available
- pH : substance/mixture reacts with water
- Melting point : No applicable information available.
- Freezing point : No applicable information available.
- Boiling point : not determined
- Flash point : 200 °C
- Evaporation rate : No applicable information available.
- Flammability (liquids) : Not classified as a flammability hazard
- Self-ignition : not self-igniting
- Upper explosion limit / Upper : No applicable information available.

SAFETY DATA SHEET



MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

flammability limit

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

Vapor pressure : No applicable information available.

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.16 g/cm³ (20 °C)

Solubility(ies)

 Water solubility : No data available

 Solubility in other solvents : No applicable information 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

Sublimation point : No applicable information available.

Molecular weight : No data available

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.

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:

MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

Carbon dioxide (CO₂)
Carbon monoxide
Nitrogen oxides (NO_x)
hydrogen cyanide
Isocyanates

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

Acute oral toxicity : Remarks: No applicable information available.
Acute inhalation toxicity : Remarks: No applicable information available.
Acute dermal toxicity : Remarks: No applicable information available.

Aspiration toxicity**Product:**

Study scientifically not justified.

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.

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.

SAFETY DATA SHEET



MasterRoc MP 368 Part B

Version 2.0 Revision Date: 08/15/2023 SDS Number: 000000736056 Date of last issue: 07/28/2023
Date of first issue: 01/24/2023

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

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

Canadian lists

No substances are subject to a Significant New Activity Notification.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AllC - 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 Tem-

SAFETY DATA SHEET



MasterRoc MP 368 Part B

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000736056	Date of first issue: 01/24/2023

perature; 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

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.

CA / EN