# MasterRoc MP 300 Resin



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**SECTION 1. IDENTIFICATION** 

Product name : MasterRoc MP 300 Resin

Product code : 00000000058409752 00000000058409752

Other means of identification : MRoc MP 300 Resin

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 Tele-

phone Number

USA: +1-800-255-3924 ChemTel contract no. MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Adhesives and/or sealants

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

Short-term (acute) aquatic

hazard

Category 2

Long-term (chronic) aquatic

hazard

Category 3

**GHS** label elements

Hazard Statements : H401 Toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : Prevention:

P273 Avoid release to the environment.

Disposal:

P501 Dispose of contents/ container to an approved waste dis-

posal plant.

Other hazards

None known.





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#### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : acrylic resin

### Components

Chemical name	Common	CAS-No.	Concentration (% w/w)
	Name/Synonym		
Magnesium acrylate	2-Propenoic	5698-98-6	
	acid, magnesi-		>= 30 - < 50
	um salt		

**SECTION 4. FIRST AID MEASURES** 

General advice : First aid personnel should pay attention to their own safety.

Immediately remove contaminated clothing.

If inhaled : If difficulties occur after vapour/aerosol has been inhaled,

remove to fresh air and seek medical attention.

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 : Remove contact lenses, if present.

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water,

seek medical attention. Do NOT induce vomiting.

Most important symptoms and effects, both acute and

delayed

None known.

Notes to physician : Treat symptomatically.

### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Foam

Water spray Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

water jet

Specific hazards during fire

fighting

See SDS section 10 - Stability and reactivity.

Hazardous combustion prod- : harmful vapours





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nitrogen oxides ucts

> fumes/smoke carbon black carbon oxides

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.

for fire-fighters

Special protective equipment : Wear a self-contained breathing apparatus.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- :

tive equipment and emer-

gency procedures

Do not breathe vapour/aerosol/spray mists.

Wear eye/face protection.

If exposed to high vapour concentration, leave area immedi-

ately.

Use personal protective clothing.

Handle in accordance with good building materials hygiene

and safety practice.

Contain contaminated water/firefighting water. **Environmental precautions** 

Do not discharge into drains/surface waters/groundwater.

Methods and materials for

containment and cleaning up

Large spills should be collected mechanically (remove by

pumping) for disposal.

Pick up with inert absorbent material (e.g. sand, earth etc.). Spilled product should be disposed in accordance with all

applicable government regulations.

#### **SECTION 7. HANDLING AND STORAGE**

Advice on protection against :

fire and explosion

Normal measures for preventive fire protection.

Avoid aerosol formation. Advice on safe handling

Avoid inhalation of mists/vapours.

Avoid skin contact. Avoid contact with eyes.

Conditions for safe storage

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age 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 from frost.

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Materials to avoid : See SDS section 10 - Stability and reactivity.

Keep out of reach of children and animals.

Recommended storage tem: :

perature

> 4 °C

Further information on stor-

age stability

PROTECT FROM FREEZING.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Ensure adequate ventilation.

## Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits

may be exceeded.

Wear a NIOSH-certified (or equivalent) organic va-

pour/particulate respirator.

Hand protection

Remarks : Wear chemical resistant protective gloves. Manufacturer's

directions for use should be observed because of great di-

versity of types.

Eye protection : Safety glasses with side-shields.

Skin and body protection : light protective clothing

Protective measures : Do not inhale gases/vapours/aerosols.

Avoid contact with the skin, eyes and clothing.

Avoid exposure - obtain special instructions before use. 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.

At the end of the shift the skin should be cleaned and skin-

care agents applied.

Remove contaminated clothing immediately and clean before

re-use or dispose it if necessary.

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

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Color : orange

Odor : slight odour, acrylic-like

Odor Threshold : not determined

pH : 6-8

Melting point : > 0 °C

Freezing point < 0 °C

Boiling point : > 100 °C

Flash point : does not flash

Evaporation rate : No data available

Flammability (liquids) : Not classified as a flammability hazard

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapor pressure : 2.3 hPa (20 °C)

Relative vapor density : No data available

Relative density : 1.0 - 1.3

Density : 1.0 - 1.3 g/cm3 (20 °C)

Solubility(ies)

Water solubility : completely miscible

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : No data available





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Viscosity, kinematic : No data available

Explosive properties : Based on the chemical structure there is no indication of ex-

plosive properties.

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

as oxidizing.

Sublimation point : No data available

Molecular weight : No data available

**SECTION 10. STABILITY AND REACTIVITY** 

Reactivity : No hazardous reactions if stored and handled as pre-

scribed/indicated.

Chemical stability : The product is stable if stored and handled as pre-

scribed/indicated.

Possibility of hazardous reac-

tions

Stable under recommended storage conditions.

No hazards to be specially mentioned.

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

nitrogen oxides

carbon oxides hydrogen cyanide gases/vapours

### **SECTION 11. TOXICOLOGICAL INFORMATION**

## **Acute toxicity**

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

# Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

## Respiratory sensitization

Not classified based on available information.

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## 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

Not classified based on available information.

# STOT-repeated exposure

Not classified based on available information.

## **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.

### **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

# **Product:**

## **Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

## Persistence and degradability

No data available

## **Bioaccumulative potential**

No data available

# Mobility in soil

No data available

### Other adverse effects

#### **Product:**

Additional ecological infor-

mation

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 regula-

tions.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Empty containers should be taken to an approved waste han-

dling site for recycling or disposal.

#### **SECTION 14. TRANSPORT INFORMATION**

## International Regulations

#### **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

#### **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 : This product contains one or more components listed on the

Canadian NDSL. All other components are on the Canadian

DSL.

#### **SECTION 16. OTHER INFORMATION**

## Full text of other abbreviations

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;





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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

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