MasterRoc MP 900SR



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SECTION 1. IDENTIFICATION

Product name : MasterRoc MP 900SR

Product code : 00000000054293719 00000000054293719

Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC

Address : 23700 Chagrin Blvd

Beachwood OH 44122

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 : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation : Category 2

Serious eye damage/eye

irritation

Category 1

Specific target organ toxicity

- single exposure

Category 3

Specific target organ toxicity

repeated exposure (Inhala-

tion)

Category 1 (Lung)

GHS label elements

Hazard pictograms







Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

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H372 Causes damage to organs (Lung) through prolonged or

repeated exposure if inhaled.

Precautionary Statements : Prevention:

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

P260 Do not breathe dusts or mists.

P270 Do not eat, drink or smoke when using this product. 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.

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

P332 + P313 If skin irritation occurs: Get medical advice/ attention

P362 + P364 Take off contaminated clothing and wash it before

P310 Immediately call a POISON CENTER or doctor/ physician.

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

In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : modified cement mortar

Components

Chemical name	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1	>= 75 - <= 100
calcium oxide	1305-78-8	>= 0 - < 3
calcium carbonate	471-34-1	>= 0 - < 3
magnesium oxide	1309-48-4	>= 0 - < 3
Calcium sulphate	7778-18-9	>= 0 - < 5

SECTION 4. FIRST AID MEASURES

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General advice : Move out of dangerous area.

Consult a physician.

Show this material safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled : After inhalation of dust.

Keep patient calm, remove to fresh air.

If difficulties occur: 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 : In case of contact, immediately flush eyes with plenty of water

for at least 15 minutes.

Keep eye wide open while rinsing.

Remove contact lenses. Seek medical advice.

If eye irritation persists, consult a specialist.

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 cen-

ter or doctor.

Most important symptoms and effects, both acute and

delayed

None known.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray

Foam Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

High volume water jet

Specific hazards during fire

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Further information : 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 for firefighting if nec-

essary.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- :

tive equipment and emer-

gency procedures

Avoid dust formation.

Avoid contact with skin and eyes.

Do not inhale dusts.

Use personal protective clothing. Wear appropriate respiratory protection.

Handle in accordance with good building materials hygiene

and safety practice.

Environmental precautions : Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal.

Avoid dust formation.

Keep in suitable, closed containers for disposal.

Rinse with plenty of water.

SECTION 7. HANDLING AND STORAGE

Advice on protection against

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling : Avoid formation of respirable particles.

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 ap-

plication area.

Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national

regulations.

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 stor-

age conditions

Containers should be stored tightly sealed in a dry place.

Materials to avoid : Keep away from water.

Segregate from metals.

Segregate from acids and bases.

Segregate from oxidants.

Segregate from foods and animal feeds.

Further information on stor-

age stability

No data available





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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
and a second and a second	474 04 4	exposure)	concentration	NICOLLEGI
calcium carbonate	471-34-1	TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	(Calcium car-	
		T14/4 (/ / 1)	bonate)	NICOLLEGE
		TWA (total)	10 mg/m3	NIOSH REL
			(Calcium car-	
a dairea arrida	4005 70 0	TWA	bonate)	ACGIH
calcium oxide	1305-78-8	TWA	2 mg/m3	NIOSH REL
	+		2 mg/m3	
		TWA	5 mg/m3	OSHA Z-1
	1000 10 1	TWA	5 mg/m3	OSHA P0
magnesium oxide	1309-48-4	TWA (Inhal-	10 mg/m3	ACGIH
		able particu-		
		late matter)	45/0	00114.7.4
		TWA (fume,	15 mg/m3	OSHA Z-1
		total particu-		
		late)	40/0	OOLIA DO
		TWA (Fume -	10 mg/m3	OSHA P0
		total particu-		
Calairea arrighata	7770 40 0	late)	5 O	NICOLLEGE
Calcium sulphate	7778-18-9	TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	40/0	NICOLLEGE
	1	TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir-	5 mg/m3	OSHA Z-1
		able fraction)		
		TWA (Total	15 mg/m3	OSHA P0
		dust)		
		TWA (respir-	5 mg/m3	OSHA P0
		able dust		
		fraction)		
		TWA (Inhal-	10 mg/m3	ACGIH
		able particu-	(Calcium)	
		late matter)		
Cement, portland, chemicals	65997-15-1	TWA (Res-	1 mg/m3	ACGIH
		pirable par-		
		ticulate mat-		
		ter)		
		TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	10 / 5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total	15 mg/m3	OSHA Z-1
		dust)	- / 0	00114 = :
		TWA (respir-	5 mg/m3	OSHA Z-1
		able fraction)	40 / 2	00114 50
		TWA (Total	10 mg/m3	OSHA P0

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dust)		
TWA (respir-	5 mg/m3	OSHA P0
able dust		
fraction)		
TWA (Dust)	50 Million parti-	OSHA Z-3
	cles per cubic foot	

Engineering measures : Provide local exhaust ventilation to maintain recommended

P.E.L.

Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits

may be exceeded.

Wear a NIOSH-certified (or equivalent) particulate respirator.

Hand protection

Remarks : Chemical resistant protective gloves. Manufacturer's direc-

tions for use should be observed because of great diversity of

types.

Eye protection : Tightly fitting safety goggles (chemical goggles).

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

and exposure.

Protective measures : Do not inhale vapours or dust.

Avoid contact with the skin, eyes and clothing.

In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene

and safety practice.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Color : gray

Odor : characteristic

Odor Threshold : No data available

pH : 12 - 13 (68 °F / 20 °C)

The products resulting from hydrolysis react strongly alkaline.

Melting point : No applicable information available.

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boiling temperature : No data available

Flash point : Not applicable

Evaporation rate : The product is a non-volatile solid.

Upper explosion limit / Upper

flammability limit

As a result of our experience with this product and our

knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance

with the intended use.

Lower explosion limit / Lower

flammability limit

As a result of our experience with this product and our

knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance

with the intended use.

Vapor pressure : No data available

Relative vapor density : The product is a non-volatile solid.

Relative density : No applicable information available.

Density : 3.05 g/cm3

Bulk density : 3.05 g/cm3

Solubility(ies)

Water solubility : slightly soluble

Solubility in other solvents : slightly soluble

Partition coefficient: n-

octanol/water

No data available

Autoignition temperature : Not applicable

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

scribed/indicated.

Viscosity

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Not explosive

Oxidizing properties : not fire-propagating

Self-heating substances : No data available

Sublimation point : No applicable information available.

Molecular weight : Not applicable

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Metal corrosion rate : No corrosive effect on metal.

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 reac-

tions

No decomposition if stored and applied as directed.

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

Incompatible materials : Strong bases

Strong acids

Hazardous decomposition

products

No hazardous decomposition products if stored and handled

as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks : Chromate in this product has been reduced. Sensitization due

to chromate within stated shelf-live is unlikely.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

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STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

Causes damage to organs (Lung) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Product:

Skin contact : Remarks: In combination with water, repeated or prolonged

dermal exposure can cause moderate to severe alkali burns.

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: Not applicable for inorganic substances.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: The product will not be readily bioavailable due to

its consistency and insolubility in water.

Mobility in soil

Product:

Distribution among environ-

mental compartments

Remarks: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater

is not expected.

The substance will not evaporate into the atmosphere from

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the water surface.

Other adverse effects

Product:

Additional ecological infor-

mation

There is a high probability that the product is not acutely

harmful to aquatic organisms.

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 : Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Dispose of in accordance with national, state and local regula-

tions.

Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible

and disposed of in the same manner as the sub-

stance/product.

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

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

Cement, portland, chemicals
Quartz (SiO2)

New Jersey Right To Know

65997-15-1 14808-60-7

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Cement, portland, chemicals

California Prop. 65

WARNING: This product can expose you to chemicals including Quartz (SiO2), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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

TSCA list

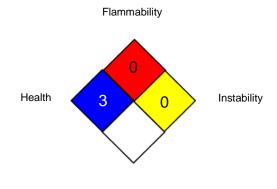
No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

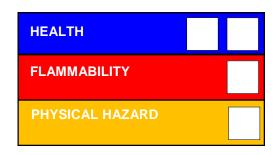
Further information

NFPA 704:



Special hazard

HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA PO : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated

values)

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts





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ACGIH / TWA : 8-hour, time-weighted average

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek

OSHA P0 / TWA : 8-hour time weighted average OSHA Z-1 / TWA : 8-hour time weighted average OSHA Z-3 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

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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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