

MasterRoc SA 540

Version Revision Date: SDS Number: Date of last issue: -
1.0 04/30/2021 000000265436 Date of first issue: 04/30/2021

SECTION 1. IDENTIFICATION

Product name : MasterRoc SA 540
Product code : 000000000050361264 000000000050361264

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

Recommended use of the chemical and restrictions on use

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

National Emergency : USA: +1-800-255-3924 ChemTel contract no. MIS9240420
Telephone Number

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Serious eye damage/eye : Category 1
irritation

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.

Precautionary Statements : **Prevention:**
P280 Wear eye protection/ face protection.
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.
P310 Immediately call a POISON CENTER or doctor/ physician.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

Components

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Chemical name	CAS-No.	Concentration (% w/w)
Aluminium sulphate	10043-01-3	>= 75 - <= 100

SECTION 4. FIRST AID MEASURES

- General advice : Remove contaminated clothing.
- If inhaled : Keep patient calm, remove to fresh air. Immediately administer a corticosteroid from a controlled/metered dose inhaler.
- In case of skin contact : Wash thoroughly with soap and water. Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Rinse mouth and then drink 200-300 ml of water. Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
- Most important symptoms and effects, both acute and delayed : Causes serious eye damage.
- 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
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
- Further information : The degree of risk is governed by the burning substance and the fire conditions.
Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
Avoid contact with skin and eyes.
Use personal protective clothing.
Handle in accordance with good building materials hygiene and safety practice.

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

Methods and materials for containment and cleaning up : Avoid raising dust.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.
Keep away from sources of ignition - No smoking.
Dust can form an explosive mixture with air.

Advice on safe handling : Avoid dust formation.
Avoid inhalation of dusts.
Avoid skin contact.
Pour downwind and allow as little free fall as possible while emptying bags into equipment.
Breathing must be protected when large quantities are de-canted without local exhaust ventilation.

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.

Materials to avoid : Segregate from metals.
Segregate from acids.
Segregate from lyes.
Segregate from oxidants.
Segregate from foods and animal feeds.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.
Hand protection

Remarks : Chemical resistant protective gloves Manufacturer's directions 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 : Avoid contact with the skin, eyes and clothing.
Avoid inhalation of dusts.
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, drink or smoke.

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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	:	powder
Color	:	white
Odor	:	characteristic
pH	:	2 - 5 (77 °F / 25 °C)
Melting point	:	No data available.
Freezing point	:	No data available.
Boiling point	:	unmeasurable
Flash point	:	> 212 °F / > 100 °C
Evaporation rate	:	No applicable information available.
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No applicable information available.
Relative vapor density	:	No data available
Relative density	:	No applicable information available.
Density	:	approx. 1.00 g/cm ³ (68 °F / 20 °C)
Bulk density	:	750 - 1,000 kg/m ³
Solubility(ies)	:	
Water solubility	:	soluble
Solubility in other solvents	:	No applicable information available.
Autoignition temperature	:	No applicable information available.
Decomposition temperature	:	> 1112 °F / > 600 °C
Viscosity	:	
Viscosity, dynamic	:	No data available

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Viscosity, kinematic	:	No applicable information available.
Explosive properties	:	Not explosive Not explosive
Oxidizing properties	:	not fire-propagating
Self-heating substances	:	It is not a substance capable of spontaneous heating.
Sublimation point	:	No applicable information available.
Molecular weight	:	No data available
Metal corrosion rate	:	No corrosive effect on metal.

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	:	Reacts with acids.
Conditions to avoid	:	Avoid dust formation.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents
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

Not classified based on available information.

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.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

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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 : This product has no known ecotoxicological effects.

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

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : 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 : Dispose of in accordance with national, state and local regula-

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Contaminated packaging : tions.
Do not discharge into drains/surface waters/groundwater.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/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**

Aluminium sulphate 10043-01-3

New Jersey Right To Know

Aluminium sulphate 10043-01-3

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

DSL : All components of this product are on the Canadian DSL

TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

TSCA list

No substances are subject to a Significant New Use Rule.

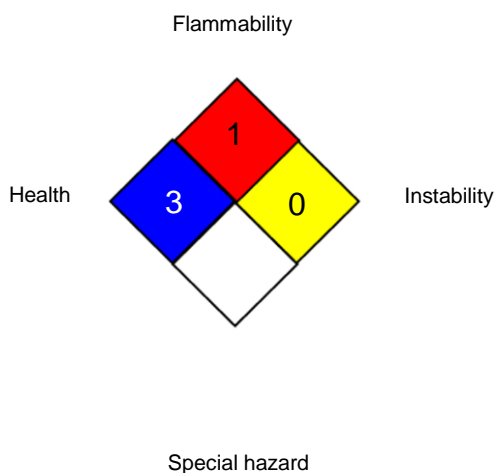
No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION**Further information**

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NFPA 704:



HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

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

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; 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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