

# SAFETY DATA SHEET

## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

### SECTION 1. IDENTIFICATION

Product name : MasterRoc HR 603  
Product code : 000000000050701332 000000000050701332

#### 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 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 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation : Category 2  
Serious eye damage/eye irritation : Category 2A  
Short-term (acute) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H402 Harmful to aquatic life.

Precautionary Statements : **Prevention:**  
P280 Wear protective gloves/ protective clothing/ eye protection/

# SAFETY DATA SHEET

## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

face protection.  
P273 Avoid release to the environment.  
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.

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

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

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

### Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

### Other hazards

No data available.

---

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : polycarboxylate ether

### Components

Chemical name	CAS-No.	Concentration (% w/w)
acetic acid	64-19-7	$\geq 1 - < 3$
acrylic acid	79-10-7	$\geq 0.1 - < 0.3$
2,2-Dibromo-2-cyanoacetamide	10222-01-2	$\geq 0.1 - < 0.2$

---

## SECTION 4. FIRST AID MEASURES

General advice : Remove contaminated clothing.

Move out of dangerous area.  
Show this material safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : Keep patient calm, remove to fresh air, seek medical attention.

If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : Wash thoroughly with soap and water

If skin irritation persists, call a physician.

---

# SAFETY DATA SHEET



## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

- If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
- Clean mouth with water and drink afterwards plenty of water.  
Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.  
Causes serious eye irritation.
- Notes to physician : Treat symptomatically.
- 

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Foam  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- 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 necessary.
- 

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
-

# SAFETY DATA SHEET



## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapors/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
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.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
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.
- Materials to avoid : No applicable information available.
- Further information on storage stability : No data available

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
acetic acid	64-19-7	TWA	10 ppm	ACGIH
		STEL	15 ppm	ACGIH
		TWA	10 ppm 25 mg/m <sup>3</sup>	NIOSH REL
		ST	15 ppm 37 mg/m <sup>3</sup>	NIOSH REL
		TWA	10 ppm	OSHA Z-1

# SAFETY DATA SHEET

## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

			25 mg/m3	
		TWA	10 ppm 25 mg/m3	OSHA P0

**Engineering measures** : No applicable information available.

### Personal protective equipment

**Respiratory protection** : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.

**Hand protection**

**Remarks** : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection** : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

**Skin and body protection** : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**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 or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Aqueous solution

**Color** : brown

**Odor** : faint odour

**Odor Threshold** : No data available

**pH** : 4 - 6 (approx. 70 °F / 21 °C)  
Concentration: 100.00000 g/l

**Melting point** : No applicable information available.

# SAFETY DATA SHEET



## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

Boiling point	:	No applicable information available.
Flash point	:	> 201.20 °F / > 94.00 °C
Evaporation rate	:	No applicable information available.
Flammability (solid, gas)	:	No applicable information available.
Self-ignition	:	not self-igniting
Upper explosion limit / Upper flammability limit	:	No applicable information available.
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	:	1.06 - 1.11 g/cm <sup>3</sup> (68.00 °F / 20.00 °C)
Solubility(ies)		
Water solubility	:	soluble (59.00 °F / 15.00 °C)
Solubility in other solvents	:	No applicable information available.
Partition coefficient: n-octanol/water	:	No applicable information available.
Autoignition temperature	:	No data available
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity		
Viscosity, dynamic	:	No applicable information available.
Viscosity, kinematic	:	No applicable information available.
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
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.

# SAFETY DATA SHEET



## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

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.

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.

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### **Acute toxicity**

Not classified based on available information.

#### **Skin corrosion/irritation**

Causes skin irritation.

#### **Product:**

Remarks : May cause skin irritation in susceptible persons.

#### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Product:**

Remarks : May cause irreversible 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.

##### **Reproductive toxicity**

Not classified based on available information.

##### **STOT-single exposure**

Not classified based on available information.

# SAFETY DATA SHEET



## MasterRoc HR 603

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

### STOT-repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

### Further information

#### Product:

Remarks : The product has not been tested. The statement has been derived from the properties of the individual components.

Remarks : No data available

---

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

### Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

### Persistence and degradability

No data available

### Bioaccumulative potential

#### Components:

#### 2,2-Dibromo-2-cyanoacetamide:

Partition coefficient: n-octanol/water : log Pow: 1.007 (77 °F / 25 °C)  
Method: other (calculated)  
GLP: no

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

---

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with national, state and local regulations.

---



# SAFETY DATA SHEET



## MasterRoc HR 603

Version: 2.0      Revision Date: 08/15/2023      SDS Number: 000000828805      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

---

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 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

acetic acid 64-19-7

##### New Jersey Right To Know

acetic acid 64-19-7

##### California Prop. 65

WARNING: This product can expose you to chemicals including acetaldehyde, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://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 : This product contains one or more components listed on the Canadian NDSL. All other components 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.

---

# SAFETY DATA SHEET

## MasterRoc HR 603

Version  
2.0

Revision Date:  
08/15/2023

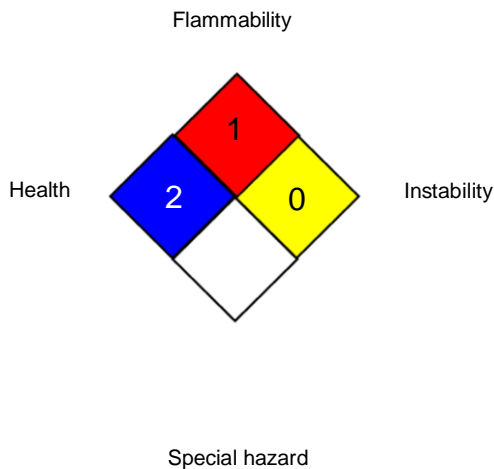
SDS Number:  
000000828805

Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

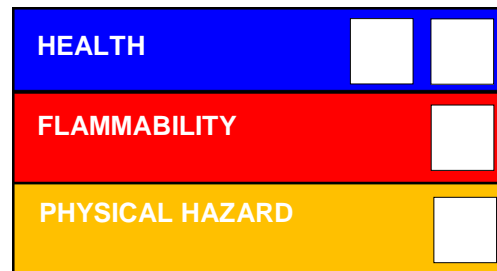
### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### 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 P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	:	8-hour time weighted average
OSHA Z-1 / TWA	:	8-hour time weighted average

AIIIC - 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

# SAFETY DATA SHEET



## MasterRoc HR 603

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000828805	Date of first issue: 01/24/2023

---

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; 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

Revision Date : 08/15/2023

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.

US / EN