

SAFETY DATA SHEET

MasterRoc MP 355 1K Accelerator

Version 3.0 Revision Date: 08/15/2023 SDS Number: 000000247497 Date of last issue: 07/28/2023
Date of first issue: 01/03/2023

SECTION 1. IDENTIFICATION

Product name : MasterRoc MP 355 1K Accelerator
Product code : 000000000050570589 000000000050570589

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
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)

Acute toxicity (Inhalation - vapour) : Category 4
Skin corrosion/irritation : Category 1B
Serious eye damage/eye irritation : Category 1
Specific target organ toxicity - single exposure : Category 3

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H314 Causes severe skin burns and eye damage.

SAFETY DATA SHEET

MasterRoc MP 355 1K Accelerator

Version 3.0 Revision Date: 08/15/2023 SDS Number: 000000247497 Date of last issue: 07/28/2023
Date of first issue: 01/03/2023

Precautionary Statements : **Prevention:**
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P260 Do not breathe dusts or mists.
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.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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
No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature :
No data available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
2-dimethylaminoethanol	108-01-0	>= 10 - < 20
triethylenediamine	280-57-9	>= 1 - < 7

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.

MasterRoc MP 355 1K Accelerator

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
3.0	08/15/2023	000000247497	Date of first issue: 01/03/2023

- Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.
- Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam
Water spray
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 : In the event of fire, wear self-contained breathing apparatus.

MasterRoc MP 355 1K Accelerator

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
3.0	08/15/2023	000000247497	Date of first issue: 01/03/2023

for fire-fighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
- 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 : Avoid formation of aerosol.
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 application area.
Provide sufficient air exchange and/or exhaust in work rooms.
To avoid spills during handling keep bottle on a metal tray.
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 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.
Store protected against freezing.
- Materials to avoid : No applicable information available.
- Recommended storage temperature : 41 °F / 5 °C

95 °F / 35 °C
- Further information on storage : Minimum storage temperature:

MasterRoc MP 355 1K Accelerator

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
3.0	08/15/2023	000000247497	Date of first issue: 01/03/2023

age stability

Maximum storage temperature:

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

Contains no substances with occupational exposure limit values.

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.
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** : liquid**Color** : colourless to yellowish**Odor** : amine-like**Odor Threshold** : No data available

SAFETY DATA SHEET



MasterRoc MP 355 1K Accelerator

Version 3.0 Revision Date: 08/15/2023 SDS Number: 000000247497 Date of last issue: 07/28/2023
Date of first issue: 01/03/2023

pH	:	8 - 9
Melting point	:	No applicable information available.
boiling temperature	:	> 302 °F / > 150 °C
Flash point	:	> 212 °F / > 100 °C Method: Flashpoint test using closed cup, determination of flashpoint.
Evaporation rate	:	not determined
Upper explosion limit / Upper flammability limit	:	Not applicable Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapor pressure	:	No data available
Relative vapor density	:	not determined
Density	:	approx. 1 g/cm ³ (68 °F / 20 °C)
Solubility(ies)	:	
Water solubility	:	partly miscible (68 °F / 20 °C)
Solubility in other solvents	:	No applicable information available.
Partition coefficient: n-octanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity	:	
Viscosity, dynamic	:	340 mPa.s (approx. 68 °F / 20 °C)
Viscosity, kinematic	:	No applicable information available.
Explosive properties	:	Not explosive
Oxidizing properties	:	not fire-propagating
Sublimation point	:	No applicable information available.
Molecular weight	:	No data available

SAFETY DATA SHEET



MasterRoc MP 355 1K Accelerator

Version 3.0 Revision Date: 08/15/2023 SDS Number: 000000247497 Date of last issue: 07/28/2023
Date of first issue: 01/03/2023

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 reactions : No decomposition if stored and applied as directed.

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

Incompatible materials : Oxidizing agents
strong alkalis
Acids

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if inhaled.

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.

Skin corrosion/irritation

Causes severe burns.

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.

MasterRoc MP 355 1K Accelerator

Version 3.0 Revision Date: 08/15/2023 SDS Number: 000000247497 Date of last issue: 07/28/2023
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Reproductive toxicity

Not classified based on available information.

STOT-single exposure

May cause respiratory irritation.

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.

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.

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.

MasterRoc MP 355 1K Accelerator

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
3.0	08/15/2023	000000247497	Date of first issue: 01/03/2023

SECTION 13. DISPOSAL CONSIDERATIONS
Disposal methods

- Waste from residues : Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.
- Do not contaminate ponds, waterways or ditches with chemical or used container.
 Dispose of in accordance with national, state and local regulations.
 Do not discharge into drains/surface waters/groundwater.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.
 Packs that cannot be cleaned should be disposed of in the same manner as the contents.
- 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

- UN number : UN 2735
 Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.
 (2-DIMETHYLAMINOETHANOL)
 Class : 8
 Packing group : II
 Labels : 8

IATA-DGR

- UN/ID No. : UN 2735
 Proper shipping name : Amines, liquid, corrosive, n.o.s.
 (2-DIMETHYLAMINOETHANOL)
 Class : 8
 Packing group : II
 Labels : Corrosives
 Packing instruction (cargo aircraft) : 855
 Packing instruction (passenger aircraft) : 851

IMDG-Code

- UN number : UN 2735
 Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.
 (2-DIMETHYLAMINOETHANOL)
 Class : 8
 Packing group : II
 Labels : 8

SAFETY DATA SHEET



MasterRoc MP 355 1K Accelerator

Version 3.0 Revision Date: 08/15/2023 SDS Number: 000000247497 Date of last issue: 07/28/2023
Date of first issue: 01/03/2023

EmS Code : F-A, S-B
Marine pollutant : no

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

UN/ID/NA number : UN 2735
Proper shipping name : Amines, liquid, corrosive, n.o.s.

(2-DIMETHYLAMINOETHANOL)

Class : 8
Packing group : II
Labels : CORROSIVE
ERG Code : 153
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

2-dimethylaminoethanol 108-01-0

New Jersey Right To Know

2-dimethylaminoethanol 108-01-0
triethylenediamine 280-57-9

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

SAFETY DATA SHEET

MasterRoc MP 355 1K Accelerator

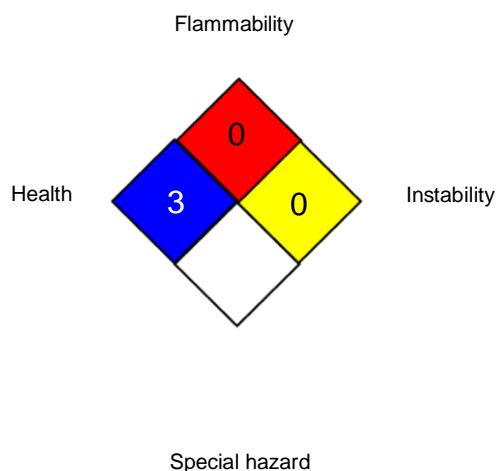
Version
3.0

Revision Date:
08/15/2023

SDS Number:
000000247497

Date of last issue: 07/28/2023
Date of first issue: 01/03/2023

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; 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

SAFETY DATA SHEET



MasterRoc MP 355 1K Accelerator

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3.0	08/15/2023	000000247497	Date of first issue: 01/03/2023

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