

## MasterRoc SWA 705

Version 1.1      Revision Date: 01/08/2021      SDS Number: 000000268723      Date of last issue: 06/05/2020  
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**SECTION 1. IDENTIFICATION**

Product name : MasterRoc SWA 705  
Product code : 000000000050498908 000000000050498908

**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 USA: +1-800-255-3924 Contract  
Number 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.

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**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with 29 CFR 1910.1200**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

**GHS label elements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

**Other hazards**

None known.

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

Chemical nature : cellulose ester  
modified  
in water

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
2-methylpentane-2,4-diol	107-41-5	>= 1 - < 3

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**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 : Wash thoroughly with soap and water  
If skin irritation persists, call a physician.  
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.  
Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.

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If swallowed : Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.  
: 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.

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**SECTION 5. FIRE-FIGHTING MEASURES**

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

Unsuitable extinguishing media : water jet

Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.

Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black  
carbon oxides

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Environmental precautions : 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 : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

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**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : 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

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- regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
 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.
- Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-methylpentane-2,4-diol	107-41-5	Ceil_Time	25 ppm 125 mg/m <sup>3</sup>	NIOSH
		CLV	25 ppm 125 mg/m <sup>3</sup>	29 CFR 1910.1000 (Table Z-1-A)
		STEL value (Aerosol, inhalable.)	10 mg/m <sup>3</sup>	ACGIHTLV
		STEL value (Vapor fraction)	50 ppm	ACGIHTLV
		TWA value (Vapor fraction)	25 ppm	ACGIHTLV
		TWA (Vapor)	25 ppm	ACGIH
		STEL (Vapor)	50 ppm	ACGIH
		STEL (Inhalable fraction, Aerosol only)	10 mg/m <sup>3</sup>	ACGIH
		C	25 ppm 125 mg/m <sup>3</sup>	NIOSH REL
		C	25 ppm 125 mg/m <sup>3</sup>	OSHA P0

**Engineering measures** : Ensure adequate ventilation.

**Personal protective equipment**

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

Remarks : Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses with side-shields.  
 Skin and body protection : light protective clothing

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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 : liquid

Color : light yellow

Odor : mild

Odor Threshold : not determined

pH : approx. 8.9 - 9.1

Melting point : No applicable information available.

Boiling point/boiling range : > 212 °F / > 100 °C

Flash point : does not flash

Evaporation rate : not determined

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 : not determined

Density : approx. 1.19 - 1.23 g/cm<sup>3</sup> (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

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Viscosity, dynamic	:	approx. 3,000 - 6,000 mPa.s (68 °F / 20 °C)
Viscosity, kinematic	:	No applicable information available.
Explosive properties	:	Not explosive Not explosive
Oxidizing properties	:	not fire-propagating
Sublimation point	:	No applicable information available.
Molecular weight	:	No data available
Metal corrosion rate	:	No corrosive effect on metal.

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**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	:	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.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity	:	Remarks: No data available.
Acute inhalation toxicity	:	Remarks: No data available.
Acute dermal toxicity	:	Remarks: No data available.

**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.

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**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.

**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.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****2-methylpentane-2,4-diol:**

Partition coefficient: n-octanol/water : log Pow: 0.58  
Method: other (calculated)

**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.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

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

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**SECTION 15. REGULATORY INFORMATION****California Prop. 65**

WARNING: This product can expose you to chemicals including ethylene oxide, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. 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:**

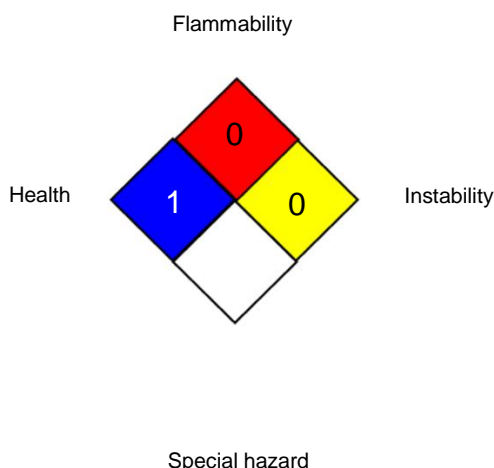
- DSL   : All components of this product are on the Canadian DSL
- TSCA                                        : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
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**SECTION 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

29 CFR 1910.1000 (Table Z-1-A)	: OSHA - Table Z-1-A (29 CFR 1910.1000)
ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
ACGIHTLV	: American Conference of Governmental Industrial Hygienists - threshold limit values (US)
NIOSH	: NIOSH Pocket Guide to Chemical Hazards (US)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
29 CFR 1910.1000 (Table Z-1-A) / CLV	: Ceiling Limit Value:
ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / STEL	: Short-term exposure limit
ACGIHTLV / STEL value	: Short Term Exposure Limit (STEL):
ACGIHTLV / TWA value	: Time Weighted Average (TWA):
NIOSH / Ceil_Time	: Ceiling Limit Value and Time Period (if specified):
NIOSH REL / C	: Ceiling value not be exceeded at any time.
OSHA P0 / C	: Ceiling limit

AICS - Australian Inventory of Chemical Substances; 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 - Indus-



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trial 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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