

MasterTop SRS 51P

Version 1.0 Revision Date: 11/17/2020 SDS Number: 000000260441 Date of last issue: -
 Date of first issue: 11/17/2020

SECTION 1. IDENTIFICATION

Product name : MasterTop SRS 51P
 Product code : 000000000056429830 000000000056429830

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.

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

FLAMMABLE LIQUIDS : Category 2
 Skin corrosion/irritation : Category 2
 Skin sensitization : Category 1B
 Carcinogenicity : Category 1B
 Specific target organ toxicity : Category 3
 - single exposure
 Short-term (acute) aquatic : Category 3
 hazard

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
methyl methacrylate	80-62-6	>= 25 - < 75
2,2'-Ethylenedioxydiethyl dimethacrylate	109-16-0	>= 3 - < 10
1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	>= 0.1 - < 1

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 attend-

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- ance.
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.
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.
Flush eyes with water as a precaution.
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.
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 : 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.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.
- 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 measures : Use personal protective equipment.
Ensure adequate ventilation.

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- gency procedures : Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations.
Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material...

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge.
Advice on safe handling : Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use.
Conditions for safe storage : no smoking. Keep container tightly closed in a dry and well-ventilated place.
Further information on storage conditions : Keep container tightly closed and in a well-ventilated place. Keep away from heat.

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Materials to avoid : Segregate from incompatible substances.
See SDS section 10 - Stability and reactivity.

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
methyl methacrylate	80-62-6	TWA value	50 ppm	ACGIHTLV
		STEL value	100 ppm	ACGIHTLV
		REL value	100 ppm 410 mg/m3	NIOSH
		PEL	100 ppm 410 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	100 ppm 410 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	50 ppm	ACGIH
		STEL	100 ppm	ACGIH
		TWA	100 ppm 410 mg/m3	NIOSH REL
		TWA	100 ppm 410 mg/m3	OSHA Z-1
		TWA	100 ppm 410 mg/m3	OSHA P0

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

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

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 : Avoid inhalation of dusts/mists/vapours.
Avoid contact with the skin, eyes and clothing.
Avoid prolonged and/or repeated contact with the skin.
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.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : clear to slightly cloudy

Odor : ester-like, sweetish

Odor Threshold : No data available

pH : Not applicable

Melting point : 46 °F / 8 °C

Boiling point : approx. 212 °F / 100 °C

Flash point : 122 °F / 50 °C

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Upper explosion limit / Upper flammability limit : 12.5 %(V)

Lower explosion limit / Lower flammability limit : 2.1 %(V)

Vapor pressure : 37.8 hPa (68 °F / 20 °C)

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.01 g/cm³ (68 °F / 20 °C)
8.43 lb/USg (68 °F / 20 °C)

Solubility(ies)

 Water solubility : approx. 16 g/l (68 °F / 20 °C)

 Solubility in other solvents : No applicable information available.

Decomposition temperature : Vapors may form explosive mixture with air.
No decomposition if stored and handled as prescribed/indicated.

Viscosity

 Viscosity, dynamic : 150 - 250 mPa.s (73 °F / 23 °C)

 Viscosity, kinematic : 140 - 250 mm²/s (73 °F / 23 °C)

Explosive properties : Not explosive
Not explosive

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Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation temperature : No applicable information available.

Molecular weight : No data available

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 : Risk of dangerous polymerization in the presence of heat and/or contamination.
Heat develops during polymerization.
No decomposition if stored and applied as directed.
Vapors may form explosive mixture with air.

Conditions to avoid : Avoid all sources of ignition: heat, sparks, open flame.
Avoid contamination.
Heat, strong UV sources
Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents
Reducing agents
Heavy metals
Amines
Keep away from free radical initiators, peroxides, strong alkalis and reactive materials to avoid exothermic polymerization.

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

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

Remarks : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation**Product:**

Remarks : Vapors may cause irritation to the eyes, respiratory system and the skin.

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Respiratory or skin sensitization**Product:**

Remarks : Causes sensitization.

Aspiration toxicity**Components:****2,2'-Ethylenedioxydiethyl dimethacrylate:**

Not applicable

Further information**Product:**

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

Remarks : Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Components:****methyl methacrylate:**

Partition coefficient: n-octanol/water : log Pow: 1.38 (68 °F / 20 °C)
GLP: no data

2,2'-Ethylenedioxydiethyl dimethacrylate:

Partition coefficient: n-octanol/water : log Pow: 1.88 (68 °F / 20 °C)

1,1'-(p-tolylimino)dipropan-2-ol:

Partition coefficient: n-octanol/water : log Pow: 2.1 (75 °F / 24 °C)
pH: 7.5
Method: Partition coefficient (n-octanol/water), Shake-flask method
GLP: yes

Mobility in soil

No data available

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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 : 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.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

UN number : UN 1866
Proper shipping name : RESIN SOLUTION
Class : 3
Packing group : II
Labels : 3

IATA-DGR

UN/ID No. : UN 1866
Proper shipping name : RESIN SOLUTION
Class : 3
Packing group : II
Labels : Flammable Liquids
Packing instruction (cargo aircraft) : 364
Packing instruction (passenger aircraft) : 353

IMDG-Code

UN number : UN 1866
Proper shipping name : RESIN SOLUTION
Class : 3
Packing group : II
Labels : 3
EmS Code : F-E, S-E
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

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49 CFR

UN/ID/NA number : UN 1866
 Proper shipping name : RESIN SOLUTION
 Class : 3
 Packing group : II
 Labels : FLAMMABLE LIQUID
 ERG Code : 127
 Marine pollutant : no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

US State Regulations

New Jersey Right To Know

methyl methacrylate 80-62-6

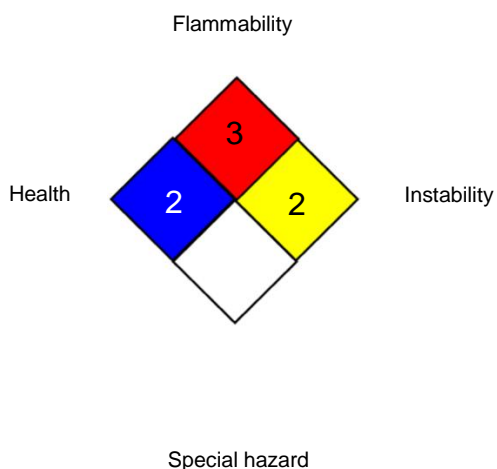
The ingredients of this product are reported in the following inventories:

TSCA : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

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 1-A)

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29 CFR 1910.1000 (Table Z-1)	: OSHA - Table Z-1 (Limits for Air Contaminants) 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
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
29 CFR 1910.1000 (Table Z-1-A) / TWA value	: Time Weighted Average (TWA):
29 CFR 1910.1000 (Table Z-1) / PEL	: Permissible exposure limit
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 / REL value	: Recommended exposure limit (REL):
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

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 - 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;

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UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 11/17/2020

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