





## MasterTop SRS 100PAS

Version 1.1      Revision Date: 01/26/2022      SDS Number: 000000520172      Date of last issue: 08/20/2020  
Date of first issue: 08/20/2020

---

- Hazard pictograms :  
- Signal Word : Danger
- Hazard Statements : H225 Highly flammable liquid and vapor.  
H315 Causes skin irritation.  
H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.  
H401 Toxic to aquatic life.
- Precautionary Statements : **Prevention:**  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe dusts or mists.  
P271 Use only outdoors or in a well-ventilated area.  
P243 Take action to prevent static discharges.  
P273 Avoid release to the environment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ .? / equipment.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash face, hands and any exposed skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P242 Use only non-sparking tools.  
P240 Ground and bond container and receiving equipment.
- Response:**  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P301 + P330 IF SWALLOWED: rinse mouth.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
- Storage:**  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P233 Keep container tightly closed.  
P405 Store locked up.

## MasterTop SRS 100PAS

Version 1.1      Revision Date: 01/26/2022      SDS Number: 000000520172      Date of last issue: 08/20/2020  
 Date of first issue: 08/20/2020

**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 : No data available.

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
methyl methacrylate	80-62-6	>= 25 - < 50
2-ethylhexyl acrylate	103-11-7	>= 10 - < 25
1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3	>= 0.5 - < 2.5

**SECTION 4. FIRST AID MEASURES**

- General advice : First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately 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.  
 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.

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

---

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 : Harmful if swallowed.  
Causes skin irritation.  
May cause an allergic skin reaction.  
May cause respiratory 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.  
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 procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

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 : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, ver-

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

miculite) and place in container for disposal according to local / national regulations (see section 13).

**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 (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.
- 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. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : no smoking  
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.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep container tightly closed and in a cool place.
- Materials to avoid : Observe TRGS 509/510 storage rules.
- 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

## MasterTop SRS 100PAS

Version 1.1      Revision Date: 01/26/2022      SDS Number: 000000520172      Date of last issue: 08/20/2020  
 Date of first issue: 08/20/2020

methyl methacrylate	80-62-6	TWA	50 ppm	ACGIH
		STEL	100 ppm	ACGIH
		TWA	100 ppm 410 mg/m <sup>3</sup>	NIOSH REL
		TWA	100 ppm 410 mg/m <sup>3</sup>	OSHA Z-1
		TWA	100 ppm 410 mg/m <sup>3</sup>	OSHA P0

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

**Personal protective equipment**

**Respiratory protection** : Wear appropriate certified respirator when exposure limits may be exceeded.  
 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** : Do not inhale dust/fumes/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** : slightly viscous

**Color** : blue  
 slightly cloudy

**Odor** : ester-like

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

---

Odor Threshold : No data available

pH : Not applicable

Melting point : No applicable information available.

Boiling point : 212 °F / 100 °C

Flash point : 50 °F / 10 °C  
50 °F / 10 °C

Evaporation rate : No applicable information available.

Flammability (solid, gas) : Highly flammable.  
Method: derived from flash point

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

Lower explosion limit / Lower flammability limit : 0.8 %(V)

Vapor pressure : 38.7 hPa (68 °F / 20 °C)

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 1.1 g/cm<sup>3</sup> (68 °F / 20 °C)

Solubility(ies)

    Water solubility : immiscible

    Solubility in other solvents : No applicable information available.

Autoignition temperature : 473 °F / 245 °C

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

    Viscosity, dynamic : 12,000 mPa.s (68 °F / 20 °C)

    Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Oxidizing properties : Not an oxidizer.

Sublimation temperature : No applicable information available.

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

---

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 : Hazardous reactions in presence of mentioned substances to avoid.  
Risk of exothermic reaction.  
The product is stable if stored and handled as prescribed/indicated.  
No decomposition if stored and applied as directed.  
Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

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**

Harmful if swallowed.

**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 skin irritation.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

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



## MasterTop SRS 100PAS

Version 1.1      Revision Date: 01/26/2022      SDS Number: 000000520172      Date of last issue: 08/20/2020  
Date of first issue: 08/20/2020

---

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Product:**

Remarks : Causes sensitization.

**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**

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 : Solvents may degrease the skin.

---

**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****Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

**Bioaccumulative potential**

No data available

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

---

**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.  
 Toxic to aquatic life.  
 Harmful to aquatic life.  
 Harmful to aquatic life with long lasting effects.

---

**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.  
 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

---

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

---

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****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**

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

methyl methacrylate 80-62-6  
 late

**US State Regulations****Pennsylvania Right To Know**

methyl methacrylate	80-62-6
2-ethylhexyl acrylate	103-11-7
listed	

**New Jersey Right To Know**

methyl methacrylate	80-62-6
2-ethylhexyl acrylate	103-11-7
Special Hazard.listed	

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

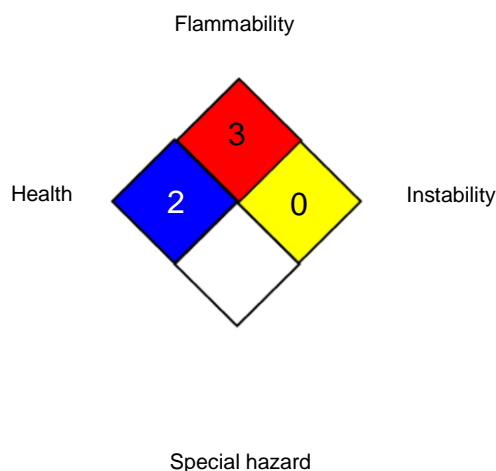
TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**SECTION 16. OTHER INFORMATION****Further information**

## MasterTop SRS 100PAS

Version 1.1      Revision Date: 01/26/2022      SDS Number: 000000520172      Date of last issue: 08/20/2020  
 Date of first issue: 08/20/2020

## NFPA 704:



## HMIS® IV:

HEALTH		M
FLAMMABILITY		H
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

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
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
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
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 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;

## MasterTop SRS 100PAS

Version	Revision Date:	SDS Number:	Date of last issue: 08/20/2020
1.1	01/26/2022	000000520172	Date of first issue: 08/20/2020

---

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

Revision Date : 01/26/2022

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