

## MasterTop SRS 40TC

Version 1.2      Revision Date: 01/12/2022      SDS Number: 000000260445      Date of last issue: 01/11/2022  
Date of first issue: 10/29/2020

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**SECTION 1. IDENTIFICATION**

Product name : MasterTop SRS 40TC  
Product code : 000000000056430095 000000000056430095  
Other means of identification : No data available

**Manufacturer or supplier's details**

Company name of supplier : MBSCS Canada, Inc.  
Address : 7111 Syntex Drive, 3rd Floor  
Mississauga ON L5N 8C3  
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 : Functional surface coating  
Restrictions on use : Reserved for industrial and professional use.

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**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the Hazardous Products Regulations**

Flammable liquids : Category 2  
Skin corrosion/irritation : Category 2  
Skin sensitization : Category 1B  
Specific target organ toxicity - single exposure : Category 3  
Short-term (acute) aquatic hazard : Category 2  
Long-term (chronic) aquatic hazard : Category 3

**GHS label elements**

Hazard pictograms :  

Signal Word : Danger



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**Other hazards**

None known.

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

Substance / Mixture : Mixture  
 Chemical nature : methacrylates

**Components**

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
methyl methacrylate	2-Propenoic acid, 2-methyl-, methyl ester	80-62-6	$\geq 25 - < 75$
2-ethylhexyl acrylate	2-Propenoic acid, 2-ethylhexyl ester	103-11-7	$\geq 10 - < 50$
2,2'-Ethylenedioxydiethyl dimethacrylate	2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester	109-16-0	$\geq 1 - < 5$

**SECTION 4. FIRST AID MEASURES**

General advice : First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled : Remove the affected individual into fresh air and keep the person calm. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

In case of skin contact : Wash thoroughly with soap and water. If symptoms persist, seek medical advice.

In case of eye contact : 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 : Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting due to aspiration hazard. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed : Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation.



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Ensure thorough ventilation of stores and work areas.  
 Avoid formation of aerosol.  
 Do not breathe mist or vapors.  
 Avoid contact with skin and eyes.

- 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.  
 Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
- Materials to avoid : Segregate from foods and animal feeds.
- Recommended storage temperature : < 25 °C
- Further information on storage stability : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.

## 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	STEL	100 ppm 410 mg/m <sup>3</sup>	CA AB OEL
		TWA	50 ppm 205 mg/m <sup>3</sup>	CA AB OEL
		TWA	50 ppm	CA BC OEL
		STEL	100 ppm	CA BC OEL
		TWAEV	50 ppm	CA QC OEL
		STEV	100 ppm	CA QC OEL
		TWA	50 ppm	ACGIH
		STEL	100 ppm	ACGIH

**Engineering measures** : Provide local exhaust ventilation to maintain recommended P.E.L.

**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

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- 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.  
Tightly fitting safety goggles (chemical goggles).  
Safety glasses/face shield
- 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 : Food, beverages, and tobacco products shall not be carried, stored, or consumed where this material is in use.  
Hands and/or face should be washed before breaks and at the end of the shift.  
Handle in accordance with good industrial hygiene and safety practice.
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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Color : colorless
- Odor : sweetish, ester-like
- Odor Threshold : not determined
- pH : Not applicable
- Melting point : No data available
- Freezing point : No data available
- Boiling point : approx. 100 °C
- Flash point : 9 °C
- Evaporation rate : No data available
- Flammability (liquids) : Highly flammable liquid and vapor.

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Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : 0.98 g/cm<sup>3</sup> (20 °C)  
Method: Mineral oils and related materials - Determination of density.

Bulk density : Not applicable

Solubility(ies)  
Water solubility : approx. 20 g/l (20 °C)

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : No data available

Decomposition temperature : > 95 °F  
May decompose if overheated and/or subjected to prolonged heating.

Viscosity  
Viscosity, dynamic : 350 - 450 mPa.s ( 20 °C)  
Method: Viscometry; Measurement of the dynamic viscosity of Newtonian fluids with rotational viscometers;

Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : not fire-propagating

Sublimation point : No data available

Molecular weight : Not applicable

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

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Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : Vapors may form explosive mixture with air.

Conditions to avoid : Avoid all sources of ignition: heat, sparks, open flame. Avoid direct sunlight.

Incompatible materials : Bases  
Strong oxidizing agents  
Strong acids  
Peroxides  
Amines  
Heavy metals  
Sulfur compounds

Hazardous decomposition products : carbon oxides

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

Not classified based on available information.

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Not classified based on available information.

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

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**IARC** Group 2B: Possibly carcinogenic to humans  
2-ethylhexyl acrylate

103-11-7

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Not classified based on available information.



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**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks : The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Remarks : Solvents may degrease the skin.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting 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 : 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.

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**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.

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 15. REGULATORY INFORMATION

**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.

DSL : All components of this product are on the Canadian DSL

## SECTION 16. OTHER INFORMATION

**Full text of other abbreviations**

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)

CA BC OEL : Canada. British Columbia OEL

CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

ACGIH / TWA : 8-hour, time-weighted average

ACGIH / STEL : Short-term exposure limit

CA AB OEL / TWA : 8-hour Occupational exposure limit

CA AB OEL / STEL : 15-minute occupational exposure limit

CA BC OEL / TWA : 8-hour time weighted average

CA BC OEL / STEL : short-term exposure limit

CA QC OEL / TWA EV : Time-weighted average exposure value

CA QC OEL / STEV : Short-term exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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; KECl - 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No

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1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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; WHMIS - Workplace Hazardous Materials Information System

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