

MasterTop SRS 40TC

 Version
 Revision Date:
 SDS Number:
 Date of last issue: 01/11/2022

 1.2
 01/12/2022
 000000260445
 Date of first issue: 10/29/2020

SECTION 1. IDENTIFICATION

Product name : MasterTop SRS 40TC

Product code : 00000000056430095 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 Tele-

phone 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.

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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Hazard Statements : H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

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.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P271 Use only outdoors or in a well-ventilated area.

P243 Take action to prevent static discharges.

P273 Avoid release to the environment.

P272 Contaminated work clothing should not be allowed out of the workplace.

P242 Use only non-sparking tools.

P240 Ground and bond container and receiving equipment. P264 Wash face, hands and any exposed skin thoroughly after handling.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment

P241 Use explosion-proof electrical, ventilating and lighting equipment.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

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.

P308 + P311 IF exposed or concerned: Call a POISON

CENTER/ doctor.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P233 Keep container tightly closed.

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.



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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	>= 25 - < 75
2-ethylhexyl acrylate	2-Propenoic acid, 2- ethylhexyl ester	103-11-7	>= 10 - < 50
2,2'- Ethylenedioxydiethyl dimethacrylate	2-Propenoic acid, 2-methyl-, 1,2- ethanediylbis(ox y-2,1- ethanediyl) es- ter	109-16-0	>= 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 im-

mediate medical attention.

In case of skin contact Wash thoroughly with soap and water

If symptoms persist, seek medical advice.

Flush eyes with water as a precaution. In case of eye contact

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 cen-

ter or doctor.

Most important symptoms

delayed

and effects, both acute and

Causes skin irritation.

May cause an allergic skin reaction. May cause respiratory irritation.

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Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Dry powder

Alcohol-resistant foam

Unsuitable extinguishing

media

water jet

Hazardous combustion prod-

ucts

harmful vapours nitrogen oxides

fumes/smoke carbon black carbon oxides

Further information : Run-off water from fire may cause pollution.

Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Keep containers cool by spraying with water if exposed to fire.

Containers may rocket or explode in heat of fire.

Special protective equipment :

for fire-fighters

Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- :

tive equipment and emer-

gency procedures

Use personal protective clothing. Avoid prolonged inhalation.

Avoid contact with the skin, eyes and clothing.

Avoid all sources of ignition: heat, sparks, open flame.

Environmental precautions : Prevent spread over a wide area (e.g. by containment or oil

barriers).

Contain contaminated water/firefighting water.

Do not discharge into drains/surface waters/groundwater.

Methods and materials for

containment and cleaning up

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

Keep away from open flames, hot surfaces and sources of

ignition.

Use only explosion-proof equipment.

Take necessary action to avoid static electricity discharge

(which might cause ignition of organic vapors).

Advice on safe handling : Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.



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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 stor-

age 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 tem-

perature

< 25 °C

Further information on stor-

age 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/m3	CA AB OEL
		TWA	50 ppm 205 mg/m3	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 va-

pour/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 di-

versity 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.

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/cm3 (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

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as pre-

scribed/indicated.

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Chemical stability : The product is stable if stored and handled as pre-

scribed/indicated.

Possibility of hazardous reac-

tions

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

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 toxicolo-

gy have been derived from the properties of the individual

components.

Remarks : Solvents may degrease the skin.

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 infor-

mation

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.

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 sub-

stance/product.

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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 : 36

aircraft)

Packing instruction (passen: 353

ger aircraft)

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

TDG

UN number : UN 1866

Proper shipping name : RESIN SOLUTION

Class : 3
Packing group : II
Labels : 3
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.



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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 safe-

ty, Schedule 1, Part 1: Permissible exposure values for air-

borne 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 / TWAEV : 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; 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; 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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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.

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