1. Identification

Product identifier used on the label

MasterTop SRS 40TC

Recommended use of the chemical and restriction on use

Recommended use*: for industrial and professional users

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company: BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Chemical family: No data available.

2. Hazards Identification


Classification of the product

<table>
<thead>
<tr>
<th>Classification</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq.</td>
<td>2</td>
<td>Flammable liquids</td>
</tr>
<tr>
<td>Skin Corr./Irrit.</td>
<td>2</td>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Skin Sens.</td>
<td>1B</td>
<td>Skin sensitization</td>
</tr>
<tr>
<td>STOT SE</td>
<td>3</td>
<td>Specific target organ toxicity — single exposure</td>
</tr>
<tr>
<td>Aquatic Acute</td>
<td>2</td>
<td>Hazardous to the aquatic environment - acute</td>
</tr>
<tr>
<td>Aquatic Chronic</td>
<td>3</td>
<td>Hazardous to the aquatic environment - chronic</td>
</tr>
</tbody>
</table>

Label elements
Pictogram:

Signal Word:
Danger

Hazard Statement:
H225  Highly flammable liquid and vapour.
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 and eye/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/vapours/spray.
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.
P242   Use only non-sparking tools.
P240   Ground and bond container and receiving equipment.
P264   Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):
P312   Call a POISON CENTER or doctor/physician if you feel unwell.
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 + P311  If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
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, dry powder, foam or carbon dioxide for extinction.

Precautionary Statements (Storage):
P403 + P235  Store in a well-ventilated place. Keep cool.
P233  Keep container tightly closed.
P405  Store locked up.

Precautionary Statements (Disposal):
P501  Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.
3. Composition / Information on Ingredients


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>80-62-6</td>
<td>&gt;= 25.0 - &lt; 75.0%</td>
<td>Methyl methacrylate</td>
</tr>
<tr>
<td>103-11-7</td>
<td>&gt;= 10.0 - &lt; 50.0%</td>
<td>2-ethylhexyl acrylate</td>
</tr>
<tr>
<td>109-16-0</td>
<td>&gt;= 1.0 - &lt; 5.0%</td>
<td>2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
If not breathing, give artificial respiration. Remove victim to fresh air and away from exposure immediately.

If on skin:
If symptoms persist, seek medical advice. Wash thoroughly with soap and water.

If in eyes:
Flush with copious amounts of water for at least 15 minutes.

If swallowed:
Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting unless told to by a poison control center or doctor. If person is conscious and can swallow, give two glasses of water.

Most important symptoms and effects, both acute and delayed

Symptoms: Overexposure may cause: asthma, tiredness, loss of memory, pain in the extremities, sleep disturbances, headache
Hazard: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
carbon dioxide, dry powder, foam, water spray
Special hazards arising from the substance or mixture
Hazard during fire-fighting:
See MSDS section 7 - Handling and storage.

Advice for fire-fighters
Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Further information:
Run-off water from fire may cause pollution. Keep containers cool by spraying with water if exposed to fire. Containers may rocket or explode in heat of fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency 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 material for containment and cleaning up
Dike spillage. Contain spills and cover with absorbent material.

7. Handling and Storage

Precautions for safe handling
Take precautionary measures against static discharges. Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion:
Sources of ignition should be kept well clear. Take precautionary measures against static discharges. Substance/product can form explosive mixture with air. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

Conditions for safe storage, including any incompatibilities
Segregate from foods and animal feeds.

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.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits
Methyl methacrylate OSHA PEL PEL 100 ppm 410 mg/m3 ; TWA value 100 ppm 410 mg/m3 ;
ACGIH TLV TWA value 50 ppm ; STEL value 100 ppm ;

Advice on system design:
Provide local exhaust ventilation to maintain recommended P.E.L.
**Personal protective equipment**

**Respiratory protection:**
Wear a NIOSH-certified (or equivalent) respirator as necessary. Wear respiratory protection if ventilation is inadequate.

**Hand protection:**
Wear chemical resistant protective gloves.

**Eye protection:**
Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Safety glasses/face shield

**Body protection:**
Chemical-protection suit (f.e. according to EN 14605), Protective suit, Impermeable protective clothing

**General safety and hygiene 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. 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.

**9. Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>sweetish, ester-like</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>&lt; 1 ppm</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>pH value</td>
<td>not applicable</td>
</tr>
<tr>
<td>Melting point</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>approx. 100 °C</td>
</tr>
<tr>
<td>Sublimation point</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>48 °F</td>
</tr>
<tr>
<td>Flammability</td>
<td>not determined</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Autoignition</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td><strong>Information on: Methyl methacrylate</strong></td>
<td></td>
</tr>
<tr>
<td>Autoignition</td>
<td>435 °C</td>
</tr>
<tr>
<td></td>
<td>Literature data.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>The product has not been tested.</td>
</tr>
<tr>
<td>Density</td>
<td>0.98 g/cm³ (DIN 51757)</td>
</tr>
<tr>
<td>Relative density</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Bulk density</td>
<td>not applicable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No applicable information available.</td>
</tr>
<tr>
<td>Partitioning coefficient n-octanol/water (log Pow):</td>
<td></td>
</tr>
<tr>
<td><strong>Information on: Methyl methacrylate</strong></td>
<td></td>
</tr>
<tr>
<td>Partitioning coefficient n-octanol/water (log Pow):</td>
<td>1.38</td>
</tr>
<tr>
<td></td>
<td>(20 °C)</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>&gt; 95 °F</td>
</tr>
<tr>
<td></td>
<td>May decompose if overheated and/or subjected to prolonged heating.</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

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

Oxidizing properties:
not fire-propagating

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

Possibility of hazardous reactions
The product is chemically stable.

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, sulphur compounds

Hazardous decomposition products

Decomposition products:
carbon oxides

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

11. Toxicological information

Primary routes of exposure
Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: No applicable information available.

Oral
No applicable information available.
Inhalation
No applicable information available.

Dermal
No applicable information available.

Assessment other acute effects
Assessment of STOT single:
Causes temporary irritation of the respiratory tract.

Irritation / corrosion
Assessment of irritating effects: Skin contact causes irritation.

Sensitization
Assessment of sensitization: Sensitization after skin contact possible.

Chronic Toxicity/Effects

Genetic toxicity
Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

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

Reproductive toxicity
Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

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

Other Information
The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure

Overexposure may cause:, asthma, tiredness, loss of memory, pain in the extremities, sleep disturbances, headache

12. Ecological Information

Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Additional information
Other ecotoxicological advice:
Acutely harmful for aquatic organisms.

13. Disposal considerations

**Waste disposal of substance:**
Dispose of in accordance with national, state and local regulations. Recommendations: Use excess product in an alternate beneficial application.

**Container disposal:**
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport Information

**Land transport**
USDOT
Hazard class: 3
Packing group: II
ID number: UN 1866
Hazard label: 3
Proper shipping name: RESIN SOLUTION

**Sea transport**
IMDG
Hazard class: 3
Packing group: II
ID number: UN 1866
Hazard label: 3
Marine pollutant: NO
Proper shipping name: RESIN SOLUTION

**Air transport**
IATA/ICAO
Hazard class: 3
Packing group: II
ID number: UN 1866
Hazard label: 3
Proper shipping name: RESIN SOLUTION

15. Regulatory Information

**Federal Regulations**

**Registration status:**
Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.
CERCLA RQ  CAS Number  Chemical name
1000 LBS    80-62-6    Methyl methacrylate

State regulations
State RTK  CAS Number  Chemical name
PA        103-11-7    2-ethylhexyl acrylate
NJ        80-62-6    Methyl methacrylate
          103-11-7    2-ethylhexyl acrylate

NFPA Hazard codes:
Health: 2  Fire: 3  Reactivity: 2  Special:

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2018/05/17

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