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>Category</th>
<th>Number</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></td>
<td></td>
<td>(by inhalation, irritating to respiratory system)</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.
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.
P243 Take precautionary measures against static discharge.
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.
P233 Keep container tightly closed.
P240 Use only non-sparking tools.
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use foam or dry powder for extinction.

Precautionary Statements (Storage):
P403 + P235 Store in a well-ventilated place. Keep cool.

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

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
Hazards: 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
Hazards 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.

Suitable materials for containers: tinned carbon steel (Tinplate)

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

<table>
<thead>
<tr>
<th>Substance</th>
<th>OSHA PEL</th>
<th>PEL</th>
<th>TWA value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl methacrylate</td>
<td>PEL 100 ppm</td>
<td>410 mg/m3</td>
<td>100 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL value</td>
<td>100 ppm</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

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

Form: liquid
Odour: sweetish, ester-like
Odour threshold: < 1 ppm
Colour: colourless
pH value: not applicable
Melting point: No applicable information available.
Boiling point: approx. 100 °C
Sublimation point: No applicable information available.
Flash point: 48 °F
Flammability: not determined
Lower explosion limit: No applicable information available.
Upper explosion limit: No applicable information available.
Autoignition: No applicable information available.

Information on: Methyl methacrylate
Autoignition: 435 °C

Vapour pressure: The product has not been tested.
Density: 0.98 g/cm³ (20 °C)
Relative density: No applicable information available.
Bulk density: not applicable
Vapour density: No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):

Information on: Methyl methacrylate
Partitioning coefficient n-octanol/water (log Pow): 1.38 (20 °C)

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

Viscosity, dynamic: 350 - 450 mPa.s (20 °C)
Viscosity, kinematic: No applicable information available.
Solubility in water: approx. 20 g/l (20 °C)
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

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 harmful 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): Acute; Fire

**EPCRA 313:**
- **CAS Number**: 80-62-6
- **Chemical name**: Methyl methacrylate
CERCLA RQ | CAS Number | Chemical name
--- | --- | ---
1000 LBS | 80-62-6 | Methyl methacrylate

State regulations

<table>
<thead>
<tr>
<th>State RTK</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>80-62-6</td>
<td>Methyl methacrylate</td>
</tr>
<tr>
<td></td>
<td>103-11-7</td>
<td>2-ethylhexyl acrylate</td>
</tr>
<tr>
<td>MA</td>
<td>80-62-6</td>
<td>Methyl methacrylate</td>
</tr>
<tr>
<td></td>
<td>103-11-7</td>
<td>2-ethylhexyl acrylate</td>
</tr>
<tr>
<td>NJ</td>
<td>80-62-6</td>
<td>Methyl methacrylate</td>
</tr>
<tr>
<td></td>
<td>103-11-7</td>
<td>2-ethylhexyl acrylate</td>
</tr>
</tbody>
</table>

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

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2016/07/01

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END OF DATA SHEET