SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Sika® Thinner C

1.2 Relevant identified uses of the substance or mixture and uses advised against

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Thinner.

1.3 Details of the supplier of the safety data sheet

Company : Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire AL7 1BQ
United Kingdom

Telephone : +44 (0)1707 394444

1.4 Emergency telephone number

Emergency telephone number : +44 (0)1707 363899 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

Classification (REGULATION (EC) No 1272/2008)

- Flammable liquids, Category 3
  - H226: Flammable liquid and vapour.
- Acute toxicity, Category 4
  - H332: Harmful if inhaled.
- Acute toxicity, Category 4
  - H312: Harmful in contact with skin.
- Skin irritation, Category 2
  - H315: Causes skin irritation.
- Aspiration hazard, Category 1
  - H304: May be fatal if swallowed and enters airways.

Classification (67/548/EEC, 1999/45/EC)

- Flammable
  - R10: Flammable.
- Harmful
  - R20/21: Harmful by inhalation and in contact with skin.
- Irritant
  - R38: Irritating to skin.
2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

<table>
<thead>
<tr>
<th>Signal word</th>
<th>Hazard pictograms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger</td>
<td>☢️ ☠️ ⚠️</td>
</tr>
</tbody>
</table>

Hazard statements:

- **H226** Flammable liquid and vapour.
- **H304** May be fatal if swallowed and enters airways.
- **H312 + H332** Harmful in contact with skin or if inhaled
- **H315** Causes skin irritation.

Precautionary statements:

**Prevention:**
- **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.

**Response:**
- **P301 + P310** IF SWALLOWED: Immediately 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.
- **P331** Do NOT induce vomiting.
- **P370 + P378** In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:
- 215-535-7 xylene

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>R10 Xn; R20/21 Xi; R38</td>
<td>Asp. Tox.1; H304 Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312</td>
<td>&gt;= 50 - &lt;= 100</td>
</tr>
<tr>
<td>1330-20-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>215-535-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>01-2119488216-32-XXXX</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Country GB 000000004519
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Sika® Thinner C

Revision Date 17.09.2014 Version 1.0 Print Date 17.09.2014

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Skin Irrit.2; H315</th>
<th>Flam. Liq.2; H225</th>
<th>Acute Tox.4; H332</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylbenzene</td>
<td>F; R11 Xn; R20</td>
<td>&gt;= 20 - &lt; 25</td>
<td></td>
</tr>
<tr>
<td>100-41-4</td>
<td>202-849-4</td>
<td>01-2119489370-35-XXXX</td>
<td></td>
</tr>
<tr>
<td>4-Methylpentan-2-one</td>
<td>F; R11 Xn; R20 Xi; R36/37 R66</td>
<td>Flam. Liq.2; H225 Acute Tox.4; H332 Eye Irrit.2; H319 STOT SE3; H335</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>108-10-1</td>
<td>203-550-1</td>
<td>01-2119473980-30-XXXX</td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.
Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.

In case of eye contact : Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Aspiration may cause pulmonary oedema and pneumonitis.
Respiratory disorder
Erythema
Headache
Dermatitis
Skin disorders
See Section 11 for more detailed information on health effects and symptoms.

Risks : Risk of serious damage to the lungs (by aspiration).
irritant effects
4.3 Indication of any immediate medical attention and special treatment needed
  Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media
  Suitable extinguishing media : Alcohol-resistant foam, Carbon dioxide (CO2), Dry chemical
  Unsuitable extinguishing media : Water, High volume water jet

5.2 Special hazards arising from the substance or mixture
  Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.

5.3 Advice for firefighters
  Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
  Further information : Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
  Personal precautions : Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons.
  Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions
  Environmental precautions : Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up
  Methods for 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).

6.4 Reference to other sections
For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products.

Advice on protection against fire and explosion: Use explosion-proof equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against electrostatic discharges.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: 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. Store in accordance with local regulations.

Other data: No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s): No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters *</th>
<th>Basis *</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>TWA</td>
<td>50 ppm 220 mg/m3</td>
<td>GB EH40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>100 ppm 441 mg/m3</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>
Biological occupational exposure limits

<table>
<thead>
<tr>
<th>Substance name</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Sampling time</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-methylpentan-2-one</td>
<td>108-10-1</td>
<td>4-methylpentan-2-one: 20micromol per litre (Urine)</td>
<td>Post shift</td>
<td>GB EH40 BAT</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Personal protective equipment

Eye protection: Safety glasses with side-shields
Eye wash bottle with pure water

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
Suitable for short time use or protection against splashes:
Butyl rubber/nitrile rubber gloves (0.4 mm),
Contaminated gloves should be removed.
Suitable for permanent exposure:
Viton gloves (0.4 mm),
breakthrough time >30 min.

Skin and body protection: Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. organic vapor filter (Type A)
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Ensure adequate ventilation, especially in confined areas.

Environmental exposure controls
General advice : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Appearance : liquid
Colour : colourless
Odour : hydrocarbon-like
Odour Threshold : No data available
Flash point : ca. 24 °C
Autoignition temperature : ca. 432 °C
Lower explosion limit (Vol%) : 1 %(V)
Upper explosion limit (Vol%) : 7 %(V)
Flammability (solid, gas) : No data available
Oxidizing properties : No data available
Auto-ignition temperature : No data available
pH : Note: not applicable
Melting point/range / Freezing point : No data available
Boiling point/boiling range : ca. 116 - 140 °C
Vapour pressure : 7,9993 hPa
Density : ca.0,86 g/cm³ at 20 °C
Water solubility : Note: insoluble
Partition coefficient: n-octanol/water : No data available
Viscosity, dynamic : No data available
Viscosity, kinematic : < 6,9 mm²/s at 40 °C
Relative vapour density : No data available
Evaporation rate : No data available

9.2 Other information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No dangerous reaction known under conditions of normal use.

10.2 Chemical stability
The product is chemically stable.

10.3 Possibility of hazardous reactions
Hazardous reactions : Stable under recommended storage conditions.
Vapours may form explosive mixture with air.

10.4 Conditions to avoid
Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials
Materials to avoid : No data available

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Components:

**xylene:**
- Acute dermal toxicity: 1.100 mg/kg
  Method: Converted acute toxicity point estimate

**4-methylpentan-2-one:**
- Acute oral toxicity: LD50 Oral rat: 2.080 mg/kg
- Acute inhalation toxicity: LC50 rat: 8.2 mg/l
  Exposure time: 4 h
- Acute dermal toxicity: LD50 Dermal rabbit: 16.000 mg/kg

Skin corrosion/irritation

*Product*
Causes skin irritation.

Serious eye damage/eye irritation

*Product*
No data available

Respiratory or skin sensitisation

*Product*
No data available

Germ cell mutagenicity

*Product*
Mutagenicity: No data available

Carcinogenicity

*Product*
Carcinogenicity: No data available

Reproductive Toxicity/Fertility

Reproductive toxicity: No data available

No data available

Reproductive Toxicity/Development/Teratogenicity

Teratogenicity: No data available

No data available
STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration toxicity
   Product
   May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity
   No data available

12.2 Persistence and degradability
   No data available

12.3 Bioaccumulative potential
   No data available

12.4 Mobility in soil
   No data available

12.5 Results of PBT and vPvB assessment
   Product:
   Assessment : This substance/mixture contains no components considered
to be either persistent, bioaccumulative and toxic (PBT), or
very persistent and very bioaccumulative (vPvB) at levels of
0.1% or higher.

12.6 Other adverse effects
   No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods
   Product : The generation of waste should be avoided or minimized
   wherever possible.
   Empty containers or liners may retain some product residues.
   This material and its container must be disposed of in a safe
   way.
   Dispose of surplus and non-recyclable products via a licensed
   waste disposal contractor.
   Disposal of this product, solutions and any by-products should
   at all times comply with the requirements of environmental
SECTION 14: Transport information

**ADR**
14.1 UN number : 1263
14.2 Description of the goods : PAINT RELATED MATERIAL
14.3 Class : 3
14.4 Packing group : III
Classification Code : F1
Labels : 3
Tunnel restriction code : (D/E)
14.5 Environmentally hazardous : no

**IATA**
14.1 UN number : 1263
14.2 Description of the goods : Paint related material
14.3 Class : 3
14.4 Packing group : III
Labels : 3
14.5 Environmentally hazardous : no

**IMDG**
14.1 UN number : 1263
14.2 Description of the goods : PAINT RELATED MATERIAL
14.3 Class : 3
14.4 Packing group : III
Labels : 3
EmS Number 1 : F-E
EmS Number 2 : S-E
14.5 Marine pollutant : no

14.6 Special precautions for user
No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms:

- Harmful

R-phrase(s):
- R10 Flammable.
- R20/21 Harmful by inhalation and in contact with skin.
- R38 Irritating to skin.

S-phrase(s):
- S36/37 Wear suitable protective clothing and gloves.

Hazardous components which must be listed on the label:
- 215-535-7 xylene

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):
- not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59):
- None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV):
- not applicable

REACH Information:
- All substances contained in our Products are
  - preregistered or registered by our upstream suppliers, and/or
  - preregistered or registered by us, and/or
  - excluded from the regulation, and/or
  - exempted from the registration.

VOC-CH (VOCV) : 100 %

VOC-EU (solvent) : 100 %

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture:
- The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002
- Control of Substances Hazardous to Health Regulations 2002
- The Management of Health and Safety at Work Regulations
1999
Health and Safety at Work Act 1974
Environmental Protection Act 1990 & Subsidiary Regulations

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Full text of R-Phrases
R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R20/21 Harmful by inhalation and in contact with skin.
R36/37 Irritating to eyes and respiratory system.
R38 Irritating to skin.
R66 Repeated exposure may cause skin dryness or cracking.

Full text of H-Statements
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Full text of other abbreviations
Acute Tox. Acute toxicity
Asp. Tox. Aspiration hazard
Eye Irrit. Eye irritation
Flam. Liq. Flammable liquids
Skin Irrit. Skin irritation
STOT SE Specific target organ toxicity - single exposure

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version!