

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

1.1. Product identifier

Product name: EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Product code: 47000 - 47009

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

Use of substance / mixture: Line Marking Paint

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Aerosol 1: H222; -: H229

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated.

2.2. Label elements

Label elements:

Hazard statements: H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

Hazard pictograms: GHS02: Flame



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 2

sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIMETHYL ETHER

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|----------|--|-------------------------------------|---------|
| 204-065-8 | 115-10-6 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 10-20% |

XYLENE

| | | | | |
|-----------|-----------|---|---|-------|
| 215-535-7 | 1330-20-7 | - | Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315 | 5-10% |
|-----------|-----------|---|---|-------|

ACETONE

| | | | | |
|-----------|---------|---|--|-------|
| 200-662-2 | 67-64-1 | - | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066 | 5-10% |
|-----------|---------|---|--|-------|

1-METHOXY-2-PROPANOL

| | | | | |
|-----------|----------|---|-------------------------------------|-------|
| 203-539-1 | 107-98-2 | - | Flam. Liq. 3: H226; STOT SE 3: H336 | 5-10% |
|-----------|----------|---|-------------------------------------|-------|

ETHYLBENZENE

| | | | | |
|-----------|----------|---|--|----------|
| 202-849-4 | 100-41-4 | - | Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304 | 0.3-2.5% |
|-----------|----------|---|--|----------|

TOLUENE

| | | | | |
|-----------|----------|---|--|-------|
| 203-625-9 | 108-88-3 | - | Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336 | <0.3% |
|-----------|----------|---|--|-------|

STYRENE

| | | | | |
|-----------|----------|---|--|-------|
| 202-851-5 | 100-42-5 | - | Flam. Liq. 3: H226; Repr. 2: H361d; Acute Tox. 4: H332; STOT RE 1: H372; Skin Irrit. 2: H315; Eye Irrit. 2: H319 | <0.3% |
|-----------|----------|---|--|-------|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

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SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 3

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

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SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 4

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIMETHYL ETHER

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|-----------------------|-----------------------|------------|--------------|
| UK | 766 mg/m ³ | 958 mg/m ³ | - | - |

XYLENE

| | | | | |
|----|-----------------------|-----------------------|---|---|
| UK | 220 mg/m ³ | 441 mg/m ³ | - | - |
|----|-----------------------|-----------------------|---|---|

ACETONE

| | | | | |
|----|------------------------|------------------------|---|---|
| UK | 1210 mg/m ³ | 3620 mg/m ³ | - | - |
|----|------------------------|------------------------|---|---|

1-METHOXY-2-PROPANOL

| | | | | |
|----|-----------------------|-----------------------|---|---|
| UK | 375 mg/m ³ | 560 mg/m ³ | - | - |
|----|-----------------------|-----------------------|---|---|

ETHYLBENZENE

| | | | | |
|----|-----------------------|-----------------------|---|---|
| UK | 441 mg/m ³ | 552 mg/m ³ | - | - |
|----|-----------------------|-----------------------|---|---|

TOLUENE

| | | | | |
|----|-----------------------|-----------------------|---|---|
| UK | 191 mg/m ³ | 384 mg/m ³ | - | - |
|----|-----------------------|-----------------------|---|---|

STYRENE

| | | | | |
|----|-----------------------|------------------------|---|---|
| UK | 430 mg/m ³ | 1080 mg/m ³ | - | - |
|----|-----------------------|------------------------|---|---|

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

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SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 5

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Various

Odour: Characteristic odour

Evaporation rate: Fast

Solubility in water: Miscible

Flash point°C: -30

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

XYLENE

| | | | | |
|-----|-----|------|------|-------|
| ORL | MUS | LD50 | 2119 | mg/kg |
|-----|-----|------|------|-------|

[cont...]

SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 6

| | | | | |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 4300 | mg/kg |
| SCU | RAT | LD50 | 1700 | mg/kg |

ACETONE

| | | | | |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 5500 | mg/kg |
| ORL | MUS | LD50 | 3 | gm/kg |
| ORL | RAT | LD50 | 5800 | mg/kg |

1-METHOXY-2-PROPANOL

| | | | | |
|-----|-----|------|-------|-------|
| IVN | RAT | LD50 | 4200 | mg/kg |
| ORL | MUS | LD50 | 11700 | mg/kg |
| ORL | RAT | LDLO | 3739 | mg/kg |

ETHYLBENZENE

| | | | | |
|-----|-----|------|------|-------|
| IPR | MUS | LD50 | 2624 | µl/kg |
| ORL | RAT | LD50 | 3500 | mg/kg |

TOLUENE

| | | | | |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 1960 | mg/kg |
| ORL | MUS | LD50 | 2 | gm/kg |
| ORL | RAT | LD50 | 6900 | mg/kg |

STYRENE

| | | | | |
|-----|-----|------|------|-------|
| IVN | MUS | LD50 | 90 | mg/kg |
| ORL | MUS | LD50 | 316 | mg/kg |
| ORL | RAT | LD50 | 2650 | mg/kg |

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

[cont...]

SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 7

Hazardous ingredients:

ACETONE

| | | | |
|---|------|------|------|
| BLUEGILL (<i>Lepomis macrochirus</i>) | LC50 | 8300 | mg/l |
|---|------|------|------|

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

[cont...]

SAFETY DATA SHEET

EASYLINE EDGE - ALL COLOURS - FROM 1/06/2015

Page: 8

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not Applicable

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

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.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.