



**SAFETY DATA SHEET**  
TEMPORARY FUSION - ALL COLOURS

Page: 1

Compilation date: 22/08/2015

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Revision No: 3

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

**1.1. Product identifier**

**Product name:** TEMPORARY FUSION - ALL COLOURS

**Product code:** 44030 - 35

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

**Use of substance / mixture:** Aerosol survey-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](mailto: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 2: H223; -: H229

**Most important adverse effects:** Flammable aerosol. Pressurised container: May burst if heated.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H223: Flammable aerosol.

H229: Pressurised container: May burst if heated

**Hazard pictograms:** GHS02: Flame



**Signal words:** Warning

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

[cont...]

# SAFETY DATA SHEET

## TEMPORARY FUSION - ALL COLOURS

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.

### 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 | 10-30%  |

##### ETHANOL

|           |         |  |                    |        |
|-----------|---------|--|--------------------|--------|
| 200-578-6 | 64-17-5 | Substance with a Community workplace exposure limit. | Flam. Liq. 2: H225 | 10-30% |
|-----------|---------|--|--------------------|--------|

##### 1-METHOXY-2-PROPANOL - REACH registered number(s): 01-2119457435-35-XXXX

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

##### PROPAN-2-OL

|           |         |   |   |       |
|-----------|---------|---|---|-------|
| 200-661-7 | 67-63-0 | - | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336 | 1-10% |
|-----------|---------|---|---|-------|

##### 2-METHOXY-1-METHYLETHYL ACETATE

|           |          |  |                    |       |
|-----------|----------|--|--------------------|-------|
| 203-603-9 | 108-65-6 | Substance with a Community workplace exposure limit. | Flam. Liq. 3: H226 | 1-10% |
|-----------|----------|--|--------------------|-------|

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Obtain medical attention if soreness or redness persists.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**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. The eyes may water profusely.

[cont...]

# SAFETY DATA SHEET

## TEMPORARY FUSION - ALL COLOURS

Page: 3

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. 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. 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.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 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 away from sources of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

[cont...]

**SAFETY DATA SHEET**  
TEMPORARY FUSION - ALL COLOURS

Page: 4

### 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/m3  | 958 mg/m3    | -          | -            |

#### ETHANOL

|    |            |   |   |   |
|----|------------|---|---|---|
| UK | 1920 mg/m3 | - | - | - |
|----|------------|---|---|---|

#### 1-METHOXY-2-PROPANOL

|    |           |           |   |   |
|----|-----------|-----------|---|---|
| UK | 375 mg/m3 | 560 mg/m3 | - | - |
|----|-----------|-----------|---|---|

#### PROPAN-2-OL

|    |                    |                     |   |   |
|----|--------------------|---------------------|---|---|
| UK | 400 ppm, 999 mg/m3 | 500 ppm, 1250 mg/m3 | - | - |
|----|--------------------|---------------------|---|---|

#### 2-METHOXY-1-METHYLETHYL ACETATE

|    |           |           |   |   |
|----|-----------|-----------|---|---|
| UK | 274 mg/m3 | 548 mg/m3 | - | - |
|----|-----------|-----------|---|---|

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not normally required in well ventilated area. If workplace exposure limits are exceeded respiratory protection may be required. Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Gloves (solvent-resistant).

**Eye protection:** Safety glasses with side-shields.

## 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

**Oxidising:** No data available.

**Solubility in water:** Miscible

**Viscosity:** No data available.

**Boiling point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**Flash point°C:** -30

**Autoflammability°C:** No data available.

**Melting point/range°C:** No data available.

**upper:** No data available.

**Part.coeff. n-octanol/water:** No data available.

[cont...]

**SAFETY DATA SHEET**  
TEMPORARY FUSION - ALL COLOURS

Page: 5

**Relative density:** Typically 0.98 Kg/L

**VOC g/l:** No data available.

**Vapour pressure:** No data available.

**pH:** No data available.

**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.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Sources of ignition.

**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:**

**ETHANOL**

|     |       |      |      |       |
|-----|-------|------|------|-------|
| IVN | ROTTE | LD50 | 1440 | mg/kg |
| ORL | MUS   | LD50 | 3450 | mg/kg |
| ORL | ROTTE | LD50 | 7060 | mg/kg |

**1-METHOXY-2-PROPANOL**

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

[cont...]

**SAFETY DATA SHEET**  
TEMPORARY FUSION - ALL COLOURS

Page: 6

**PROPAN-2-OL**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 1088 | mg/kg |
| ORL | MUS | LD50 | 3600 | mg/kg |
| ORL | RAT | LD50 | 5045 | mg/kg |
| SCU | MUS | LDLO | 6    | gm/kg |

**2-METHOXY-1-METHYLETHYL ACETATE**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IPR | MUS | LD50 | 750  | mg/kg |
| ORL | RAT | LD50 | 8532 | 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. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**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:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Incineration, landfill, observe local regulations

**Waste code number:** 140603

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

[cont...]

**SAFETY DATA SHEET**  
TEMPORARY FUSION - ALL COLOURS

Page: 7

**Section 14: Transport information**

**14.1. UN number**

UN number: UN1950

**14.2. UN proper shipping name**

Shipping name: AEROSOLS (IATA ONLY), FLAMMABLE, CONTAINING SUBSTANCES IN CLASS 8,  
PACKING GROUP I

**14.3. Transport hazard class(es)**

Transport class: 2.1

**14.4. Packing group**

**14.5. Environmental hazards**

Environmentally hazardous: No

Marine pollutant: No

**14.6. Special precautions for user**

**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**

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture  
by the supplier.

**Section 16: Other information**

**Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No  
2015/830.

Compiled in accordance with REACH.

Phrases used in s.2 and s.3: H220: Extremely flammable gas.

H223: Flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

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.

