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**SAFETY DATA SHEET**

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

## 1.1 Product identifier

- Product Name: SC275

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

- Use of the substance/mixture: Temperature indicating colour change paint., For professional use only.

## 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: TMC Hallcrest
- Address of Manufacturer: Riverside Buildings,  
Dock Road,  
Connah's Quay,  
Deeside,  
Flintshire, CH5 4DS,  
Wales. U.K.
- Telephone: +44 (0) 1244 818348
- Email: Sales@tmc.hallcrest.com

## 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1244 818348

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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3, Skin Irrit. 2

## 2.2 Label elements



- Signal Word: Warning
- Hazard statements  
Flammable liquid and vapour.  
Causes skin irritation.
- Precautionary statements  
Store in a well-ventilated place. Keep cool.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
IF ON SKIN: Wash with plenty of soap and water.  
Take action to prevent static discharges.

## 2.3 Other hazards

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

- xylene
    - CAS Number: 1330-20-7
    - EC Number: 215-535-7
    - Concentration: 20 - 30%
    - Categories: Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2
    - REACH Registration Number: 01-2119488216-32
    - Symbols: GHS02;GHS07
    - H Statements: H226;H332;H312;H315
  
  - 2-methoxy-1-methylethyl acetate
    - CAS Number: 108-65-6
    - EC Number: 203-603-9
    - Concentration: 20-30%
    - Categories: Flam. Liq. 3
    - REACH Registration Number: 01-2194759129-00
    - Symbols: GHS02
    - H Statements: H226
  
  - ethylbenzene
    - CAS Number: 100-41-4
    - EC Number: 202-849-4
    - Concentration: 1 - 10%
    - Categories: Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1
    - REACH Registration Number: 01-2119489370-00
    - Symbols: GHS02;GHS07;GHS08
    - R/H Phrases: H225;H332;H304;H373 (hearing organs)
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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- Contact with eyes
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  
- Contact with skin
  - IF ON SKIN: Wash with plenty of soap and water.
  - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - If skin irritation occurs: Get medical advice/attention.
  
- Ingestion
  - Do not induce vomiting
  - Get medical advice/attention.
  
- Inhalation
  - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
  - If medical advice is needed, have product container or label at hand.

**SECTION 4: First aid measures (....)****4.2 Most important symptoms and effects, both acute and delayed**

- May cause irritation
- May cause dermatitis
- In cases of severe exposure, nausea/vomiting may develop
- In cases of severe exposure, systemic effects may develop
- Harmful if inhaled.

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

- IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- In case of fire: Use Dry chemical, Foam, CO2 to extinguish.

**5.2 Special hazards arising from the substance or mixture**

- May give off noxious and toxic fumes in a fire

**5.3 Advice for firefighters**

- Wear suitable respiratory protection
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**SECTION 6: Accidental release measures**

Spillage causes slippery surface

**6.1 Personal precautions, protective equipment and emergency procedures**

- Ensure adequate ventilation
- In case of leakage, eliminate all ignition sources.
- Wear protective clothing as per section 8

**6.2 Environmental precautions**

- Avoid release to the environment.

**6.3 Methods and material for containment and cleaning up**

- Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly.

**6.4 Reference to other sections**

- For disposal refer to section 13.
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Wear protective gloves/protective clothing/eye protection/face protection.
- Dispose of contents/container to hazardous waste collection

**7.2 Conditions for safe storage, including any incompatibilities**

- Store in a well-ventilated place. Keep cool.

**7.3 Specific end use(s)**

- No information available
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

- 2-methoxy-1-methylethyl acetate
  - WEL: 8-hr limit ppm: 50 WEL 8-hr limit mg/m<sup>3</sup>: 274
  - DNEL (inhalational): Acute inhalation - Local effects 550 mg/m<sup>3</sup> (Workers)
- ethylbenzene
  - WEL: 8-hr limit ppm: 100 WEL 8-hr limit mg/m<sup>3</sup>: 441
  - DNEL (inhalational): Long-term - inhalation - Systemic effects 15 mg/m<sup>3</sup> Long-term - oral - Systemic effects 1.3 mg/m<sup>3</sup>
- xylene
  - WEL: 8-hr limit ppm: 50 WEL 8-hr limit mg/m<sup>3</sup>: 220
  - DNEL (inhalational): Long-term - inhalation - Systemic effects 14.8 mg/m<sup>3</sup> Long-term - dermal - Systemic effects 108 bw/day Long-term - oral - Systemic effects 1.6 bw/day

**8.2 Exposure controls**

- Ensure adequate ventilation
- Wear suitable protective clothing, including eye/face protection and gloves (PVC are recommended)
- Safety goggles with lateral shielding (DIN EN 166)
- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Appearance: Liquid
- colour Blue
- Odour: Characteristic odour
- pH - not applicable
- Melting point - not applicable
- Freezing point/Range: Not available
- Boiling Point/Range: 140°C
- Flashpoint: 29°C
- Evaporation rate - not known
- Vapour pressure - not known
- Vapour density - not known
- Vapour pressure: not known at 22 deg C
- Specific gravity: 1.09 g/cm<sup>3</sup>
- Fat solubility - not known
- Partition coefficient : n-Octanol/water - not known
- Auto-ignition point - not known
- Viscosity - not known
- Explosive Properties: Not available
- Oxidising Properties: No information available

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**SECTION 9: Physical and chemical properties (....)**

- Solubility in water: No information available
- Conductivity - not known
- Volatile Organic Compound Content 600 g/l

**9.2 Other information**

- No information available
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**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No information available

**10.2 Chemical stability**

- Stable

**10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- No special requirements

**10.5 Incompatible materials**

- Keep away from food, drink and animal feedingstuffs

**10.6 Hazardous decomposition products**

- Burning produces obnoxious and irritating fumes.
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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

- Acute Toxicity : Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
- Skin corrosion/irritation: May cause irritation to skin.
- Serious eye damage/irritation: No data available
- Respiratory or skin sensitisation: No data available.
- Germ cell mutagenicity - No data is available on this product
- Carcinogenic Effects: No information available
- Reproductive Effects: No information available
- STOT-single exposure: No data is available on this product.
- STOT-repeated exposure: No data is available on this product.
- Aspiration hazard: No data is available on this product.
- Repeated or prolonged exposure :No data is available on this product.
- 2-methoxy-1-methylethyl acetate  
Oral Rat LD50: 8532 mg/kg Dermal Rabbit LD50: >5 gm/kg
- ethylbenzene  
Inhalation Rat LC50/2H h: 55000 mg/m3  
Inhalation Mouse LC50/2H h: 35500 mg/m3  
uL/kg  
Oral Rat LD50: 3500 mg/kg  
Dermal Rabbit LD50: 17800
- xylene  
Inhalation Rat LC50/4H h: 5000 ppm  
Oral Mouse LD50: 2119 mg/kg  
Oral Rat LD50: 4300 mg/kg  
Dermal Rabbit LD50: >1700 mg/kg

**SECTION 12: Ecological information**

## 12.1 Toxicity

- No information available

## 12.2 Persistence and degradability

- No information available

## 12.3 Bioaccumulative potential

- No information available

## 12.4 Mobility in soil

- immiscible with water

## 12.5 Results of PBT and vPvB assessment

- No information available

## 12.6 Other adverse effects

- No information available
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**SECTION 13: Disposal considerations**

To be disposed of as hazardous waste

## 13.1 Waste treatment methods

- Dispose of contents/container to hazardous waste collection point.
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**SECTION 14: Transport information**

## 14.1 UN number

- UN No.: 1263

## 14.2 Proper Shipping Name

- Proper Shipping Name: PAINT

## 14.3 Transport hazard class(es)

- Hazard Class: 3

## 14.4 Packing group

- Packing Group: III

## 14.5 Environmental hazards

- On available data, substance is not harmful to the environment

## 14.6 Special precautions for user

- No information available

## 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**15.2 Chemical safety assessment**

- A chemical safety assessment (CSA) for this product has not yet been completed
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- 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. H332: Harmful if inhaled. H373: May cause damage to organs through prolonged or repeated exposure.

This information supplied in this Safety Data Sheet is designed only as guidance for the safe use and storage of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information only relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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