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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: Repcoat ZR
- Product Part Number: C11/04/01/022

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

- Use of the substance/mixture: One component epoxy based zinc rich primer for steel

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

- Name of Supplier: Don Construction Products Ltd.
- Address of Supplier: Hawthorn House, Helions Bumpstead Rd,  
Haverhill CB9 7AA, United Kingdom
- Telephone: + 44 1 4407 66360
- Fax: + 44 1 4407 68897
- Email: info.uk@dcp-int.com, info@donconstruction.co.uk

## 1.4 Emergency telephone number

- Emergency Telephone: + 44 1 4407 66360 (available during work hours)
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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Repr. 2, Aquatic Chronic 1

## 2.2 Label elements



- Signal Word: Warning
- Hazard statements
  - H226 - Flammable liquid and vapour.
  - H361 - Suspected of damaging fertility or the unborn child if swallowed
  - H315 - Causes skin irritation.
  - H319 - Causes serious eye irritation.
  - H317 - May cause an allergic skin reaction.
  - H410 - Very toxic to aquatic life with long lasting effects.
- Precautionary statements
  - P403+P235 - Store in a well-ventilated place. Keep cool.
  - P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
  - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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## SECTION 2: Hazards identification (....)

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P308+P313 - IF exposed or concerned: Get medical advice/attention.
- P281 - Use personal protective equipment as required.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P201 - Obtain special instructions before use.
- P273 - Avoid release to the environment.
- P501 - Dispose of contents/container to an authorised waste collection point
- P264 - Wash thoroughly after handling.
- P233 - Keep container tightly closed.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P363 - Wash contaminated clothing before reuse.
- P391 - Collect spillage.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P243 - Take action to prevent static discharges.
- P240 - Ground and bond container and receiving equipment.
- P405 - Store locked up.
- P241 - Use explosion-proof [electrical/ventilating/lighting/
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P242 - Use non-sparking tools.
- P202 - Do not handle until all safety precautions have been read and understood.

### 2.3 Other hazards

- Contains: 4,4'-Isopropylidendiphenol, Polymer mit 2,2-Bis(p-(2,3-epoxypropoxy)phenyl)propan

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

- 4,4'-Isopropylidendiphenol, Polymer mit 2,2-Bis(p-(2,3-epoxypropoxy)phenyl)propan
  - CAS Number: 25036-25-3
  - EC Number: 607-500-3
  - Concentration: 10 - 20%
  - Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1
  - Symbols: GHS07
  - H Statements: H315, H317, H319
- butanone; ethyl methyl ketone
  - CAS Number: 78-93-3
  - EC Number: 201-159-0
  - Concentration: 1 - 10%
  - Categories: Eye Irrit. 2, STOT SE 3

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**SECTION 3: Composition/information on ingredients (....)**

Symbols: GHS02 GHS07  
H Statements: H225, H319, H336, EUH066

- toluene

CAS Number: 108-88-3  
EC Number: 203-625-9  
Concentration: 1 - 10%  
Categories: Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2  
Symbols: GHS02, GHS08, GHS07  
H Statements: H225, H361d \*\*\*, H304, H373 \*\*, H315, H336

- cyclohexanone

CAS Number: 108-94-1  
EC Number: 203-631-1  
Concentration: 1 - 5%  
Categories: Acute Tox. 4  
Symbols: GHS02, GHS07  
H Statements: H226, H332

- 1-methoxy-2-propanol; monopropylene glycol methyl ether

CAS Number: 107-98-2  
EC Number: 203-539-1  
Concentration: 10 - 20%  
Categories: STOT SE 3  
Symbols: GHS02, GHS07  
H Statements: H226, H336

- zinc powder - zinc dust (pyrophoric)

CAS Number: 7440-66-6  
EC Number: 231-175-3  
Concentration: 40 - 60%  
Categories: Aquatic Acute 1, Aquatic Chronic 1  
Symbols: GHS02, GHS09  
H Statements: H260, H250, H400, H410

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**SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

- Inhalation

Remove patient to fresh air  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Get medical advice/attention if you feel unwell.

- Contact with skin

IF ON SKIN: Wash with plenty of soap and water.

## SECTION 4: First aid measures (....)

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Seek medical advice if necessary

- Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get immediate medical advice/attention.

- Ingestion

If swallowed, rinse mouth with water (only if the person is conscious)

Do NOT induce vomiting.

Get immediate medical advice/attention.

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

- No information available

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

- No information available
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.
- Do not use water jets

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

- Burning produces irritating, toxic and obnoxious fumes.
- Flammable liquid and vapour.
- May form explosive vapour/air mixtures
- Nitrogen and carbon oxides may be formed

### 5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
  - Keep container(s) exposed to fire cool, by spraying with water
  - Avoid breathing dust/fume/gas/mist/vapours/spray.
  - Do not allow run-off water to enter sewers and water sources.
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## SECTION 6: Accidental release measures

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

- Wear suitable protective clothing
  - Wear protective clothing as per section 8
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**SECTION 6: Accidental release measures (....)**

- Wash thoroughly after dealing with spillage
- Ensure adequate ventilation
- Evacuate the area and keep personnel upwind
- Keep away from heat and sources of ignition
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Shut off all ignition sources

**6.2 Environmental precautions**

- Avoid release to the environment.
- Prevent further spillage if safe
- Do not allow to enter public sewers and watercourses

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

- Contain spillage with sand, earth or other non-combustible material.
- Sweep or shovel-up spillage and remove to a safe place
- Place in appropriate container
- Dispose of this material as hazardous waste.
- Shut off all ignition sources
- In case of leakage, eliminate all ignition sources.
- Wear suitable protective clothing, eye/face protection and gloves

**6.4 Reference to other sections**

- See Section 8, 13
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Use non-sparking tools.
- Use explosion-proof equipment.
- Take action to prevent static discharges.
- Do not breathe vapour, fumes or spray
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

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

- Ground and bond container and receiving equipment.
- Use explosion-proof ventilating and lighting equipment.
- Store in a cool, dry, well ventilated area.
- Store in a dry environment away from direct sunlight.

## SECTION 7: Handling and storage (....)

- Store in correctly labelled containers
- Keep away from static electricity
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not smoke
- Store in a well-ventilated place. Keep cool.
- Store locked up.

### 7.3 Specific end use(s)

- No information available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- No information available

### 8.2 Exposure controls



- Avoid contact with skin and eyes
- Ensure adequate ventilation
- In case of inadequate ventilation wear respiratory protection.
- Keep away from food, drink and animal feedingstuffs
- Wash hands thoroughly after using this substance
- Wear protective gloves. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Viscous liquid
- Odour: Aromatic odour
- Boiling Point/Range: No information available
- Flashpoint: > 34 °C
- pH: No information available
- Specific Gravity: 1.85 ± 0.05
- Solubility in water: Insoluble in water

### 9.2 Other information

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

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

## 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

## 10.2 Chemical stability

- Considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

## 10.4 Conditions to avoid

- Avoid exposure to high temperature or direct sunlight.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

## 10.5 Incompatible materials

- Strong oxidising agents
- Incompatible with acids and alkalis
- Avoid contact with moisture

## 10.6 Hazardous decomposition products

- Decomposition products may include toxic fumes
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**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- No information available
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**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

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**SECTION 12: Ecological information (....)**

- No information available

## 12.6 Other adverse effects

- No information available

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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point.
- Do not empty into drains - dispose of this material and container in a safe way

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**SECTION 14: Transport information**

UN No.: 1993  
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.  
Hazard Class: 3  
Packing Group: III

## 14.1 Air (ICAO/IATA)

- ICAO UN No.: 1993
- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
- ICAO Hazard Class: 3
- ICAO Packing Group: III

## 14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1993
- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
- ADR Hazard Class: 3

## 14.3 Sea (IMDG)

- IMDG UN No.: 1993
- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
- IMDG Hazard Class: 3
- IMDG Pack Group.: III

## 14.4 Environmental hazards

- Marine Pollutant

## 14.5 Special precautions for user

- No information available



**SECTION 14: Transport information (....)**

14.6 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

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H250: Catches fire spontaneously if exposed to air. H260: In contact with water releases flammable gases which may ignite spontaneously. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. H336: May cause drowsiness or dizziness. H361d: Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling 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 relates only 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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