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### SAFETY DATA SHEET

According to Annex II to REACH Regulation 2020/878 and to Annex II to UK REACH

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

### 1.1 Product identifier

- Product Name: CR1 Easy-Lease Chemical Release Agent
- Product Part Number: CR1

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

- Use of the substance/mixture: Industrial Release Agent

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

- Name of Supplier: Easy Composites Ltd
- Address of Supplier: Unit 39, Park Hall Business Village  
Longton, Stoke on Trent  
Staffordshire  
ST3 5XA

**Telephone**                    +44 (0) 1782 454499  
**Email**                         sales@easycomposites.co.uk

1.4 Emergency telephone number    +44 (0) 1782 454499

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.
- CLP: Asp. Tox. 1, STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Aquatic Chronic 2

### 2.2 Label elements



- Signal Word: Danger
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### SECTION 2: Hazards identification (...)

#### Hazard statements

- H225 - Highly flammable liquid and vapour.
- H336 - May cause drowsiness or dizziness.
- H315 - Causes skin irritation.
- H304 - May be fatal if swallowed and enters airways.
- H411 - Toxic to aquatic life with long lasting effects.

#### Precautionary statements

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P243 - Take action to prevent static discharges.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P501 - Dispose of contents/container to hazardous waste

#### 2.3 Other hazards

- This product is not, or does not contain a substance that is a PBT or a vPvB in percentage greater than 0.1%
- The product does not contain substances with endocrine disrupting properties in concentration  $\geq 0.1\%$ .
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Take precautionary measures against static discharges

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hydrocarbons, C7-C9, isoalkanes

REACH Registration Number: 01-2119471305-42-XXXX  
CAS Number: None assigned  
EC Number: 921-728-3  
Concentration: >96%  
Categories: Skin Irrit. 2, STOT SE 3, Asp. Tox. 1  
Symbols: GHS02, GHS07, GHS08, GHS09  
H Statements: H225, H315, H336, H304, H411

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Contact with eyes

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

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].

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

- Specific information on symptoms and effects caused by the product are unknown.

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

- No information available

#### 4.4 General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- In case of fire use foam, carbon dioxide or dry agent - never use water

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

- Vapours may ignite
- May give off noxious and toxic fumes in a fire
- In case of fire, do not breathe fumes

#### 5.3 Advice for firefighters

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Wear full protective clothing including chemical protection suit
  - Wear Breathing Apparatus
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### SECTION 6: Accidental release measures

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

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### SECTION 6: Accidental release measures (....)

- Evacuate the area
- Shut off all ignition sources
- Shut off source of leak if safe to do so
- Wear eye/face protection

#### 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination
- Avoid release to the environment.

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

- Ventilate area
- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal
- To clean the floor and all objects contaminated by this material use soap and water

#### 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 only in well ventilated areas
- Keep away from sources of ignition - No Smoking
- Take action to prevent static discharges.
- Avoid contact with skin and eyes
- Wash thoroughly after handling.

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

- Keep only in the original container
- Protect from sunlight. Store in a well-ventilated place.
- Keep away from oxidisers, heat, flames or ignition sources

#### 7.3 Specific end use(s)

- See Section 1.2
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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

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### SECTION 8: Exposure controls/personal protection (....)

Hydrocarbons, C7-C9, isoalkanes

DNEL (Industry; dermal, long term systemic effects): 773 mg/kg

DNEL (Industry; inhalational, long term systemic effects): 2035 mg/m<sup>3</sup>

1200 mg/m<sup>3</sup> (8 hour TWA)

241 ppm (8 hour TWA)

#### 8.2 Environmental exposure controls

- Do not allow to enter public sewers and watercourses
- Dispose of this material and its container at hazardous or special waste collection point

#### 8.3 Exposure controls



#### 8.4 Occupational exposure controls

- Protective gloves complying with EN374
- Wear neoprene or nitrile gloves
- In case of insufficient ventilation, wear suitable respiratory equipment
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear eye/face protection
- Wear suitable protective clothing
- After contact with skin, wash immediately with plenty of water
- Wear protective gloves/protective clothing/eye protection/face protection.

#### 8.5 Precautionary measures

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Take action to prevent static discharges.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: colourless to yellow
- Odour: Characteristic odour
- Melting point - not known
- Freezing point/Range: No information available
- Boiling Point/Range: >110°C
- Flammability: No information available

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

- Evaporation rate (Butyl acetate = 1): 1.6
- Lower explosive limit: 0.7% (in air)
- Upper explosive limit: 6.3% (in air)
- Flashpoint: <10°C
- Decomposition temperature: No information available
- pH: not available
- Kinematic viscosity: no data mm<sup>2</sup>/s
- Solubility in water: immiscible with water
- Partition coefficient : n-Octanol/water - not known
- Vapour pressure: >10 mm /Hg
- Density: 0.717 - 0.737 g/cm<sup>3</sup> at 20 °C
- Vapour density (air = 1): >1
- Particle characteristics: Not applicable

#### 9.2 Other information

Information with regard to physical hazard classes

No information available

Other safety characteristics

Volatile Organic Compound Content 718g/l

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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

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

#### 10.4 Conditions to avoid

- Keep away from heat and sources of ignition

#### 10.5 Incompatible materials

- Incompatible with strong oxidizing substances

#### 10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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### SECTION 10: Stability and reactivity (...)

- Smoke from fires is toxic
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### SECTION 11: Toxicological information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

#### 11.1 Information on toxicological effects

Hydrocarbons, C7-C9, isoalkanes

LD<sub>50</sub> (dermal, rabbit): >2000 mg/kg

LD<sub>50</sub> (skin, rat): >5000 mg/kg

LC<sub>50</sub> (inhalation, rat): 21 mg/l/4h

#### 11.2 Skin corrosion/irritation

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

#### 11.3 Serious eye damage/irritation

- May cause irritation

#### 11.4 Inhalation

- No information available

#### 11.5 Ingestion

- May be harmful if swallowed and enters airways.

#### 11.6 Carcinogenicity

- No evidence of carcinogenic effects

#### 11.7 Germ cell mutagenicity

- No evidence of mutagenic effects

#### 11.8 Teratogenicity

- No evidence of reproductive effects
  - STOT Single Exposure  
May cause drowsiness or dizziness.
  - STOT Repeated Exposure  
No information available
  - Aspiration hazard  
May be fatal if swallowed and enters airways.
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### SECTION 11: Toxicological information (....)

#### 11.9 Information on other hazards

- Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation
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### SECTION 12: Ecological information

#### 12.1 Toxicity

Hydrocarbons, C7-C9, isoalkanes

IC<sub>50</sub> (algae): 29 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 2.4 mg/l (48 hr)

LC<sub>50</sub> (fish): 18.4 mg/l (96 hr)

#### 12.2 Persistence and degradability

- Readily biodegradable

#### 12.3 Bioaccumulative potential

- No information available

#### 12.4 Mobility in soil

- No information available

#### 12.5 Results of PBT and vPvB assessment

- This product is not, or does not contain a substance that is a PBT or a vPvB in percentage greater than 0.1%

#### 12.6 Endocrine disrupting properties

- Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation

#### 12.7 Other adverse effects

- None
- 

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
  - Dispose of this material and its container at hazardous or special waste collection point
  - Do not discharge into drains or the environment, dispose to an authorised waste collection point
-



### SECTION 14: Transport information



#### 14.1 UN number or ID number

- UN No.: 1866

#### 14.2 UN proper shipping name

- ADR/RID  
Proper Shipping Name: RESIN SOLUTION
- IMDG  
Proper Shipping Name: RESIN SOLUTION
- IATA  
Proper Shipping Name: RESIN SOLUTION

#### 14.3 Transport hazard class(es)

- ADR/RID  
Hazard Class: 3
- IMDG  
Hazard Class: 3
- IATA  
Hazard Class: 3

#### 14.4 Packing group

- ADR/RID  
Packing group II
- IMDG  
Packing group II
- IATA  
Packing group II

#### 14.5 Environmental hazards

- ADR/RID
- ENVIRONMENTALLY HAZARDOUS
- IMDG
- Marine pollutant Hydrocarbons, C7-C9, isoalkanes

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

- IATA
- ENVIRONMENTALLY HAZARDOUS

#### 14.6 Special precautions for user

- ADR/RID
  - Hazard ID: 33
  - Tunnel Code: D/E
  - Limited Quantities: 5L
- IMDG
  - IMDG EmS: F-E, S-E
  - Limited Quantities: 5L
- IATA
  - Cargo:
  - Max Qty: 60L
  - Packaging instructions: 364
  - Pass:
  - Max Qty: 5L
  - Packaging instructions: 353

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

- Not applicable
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### SECTION 15: Regulatory information

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

- All components of this preparation are registered on the European Inventory of Existing Chemical Substances (EINECS)
- Seveso Category – Directive 2012/18/EC:
  - P5c - E2
- Restrictions relating to the product or contained substances pursuant to Annex XVII to EC regulation 1907/2006
- Point:3 - 40
- Substances in Candidate List (Art.59 REACH)
- This product is not, or does not contain a substance that is a PBT or a vPvB in percentage greater than 0.1%
- Substances subject to authorization (Annex XIV REACH)
- None
- Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012.
- None

#### 15.2 Chemical safety assessment

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### **SECTION 15: Regulatory information (....)**

- This product is either exempt from REACH or does not meet the minimum volume threshold for a chemical safety assessment (CSA)
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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. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H336: May cause drowsiness or dizziness. H411: 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.

--- end of safety datasheet ---

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