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

### 1.1 Product identifier

- Product Name: S120 Advanced Board Sealer
- Product Part Number: S120

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

- Use of the substance/mixture: Coating
- Industrial Mould & Tool Sealer

### 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  
United Kingdom
- Telephone: +44 (0) 1782 454499
- Email: sales@easycomposites.co.uk

### 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1782 454499 (office hours only)

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- CLP: Asp. Tox. 1, STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2

### 2.2 Label elements



- Signal Word: Danger
- Hazard statements
  - H225 - Highly flammable liquid and vapour.
  - H336 - May cause drowsiness or dizziness.
  - H315 - Causes skin irritation.
  - H318 - Causes serious eye damage.
  - 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.

# SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

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

- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P501 - Dispose of contents/container to hazardous waste

### 2.3 Other hazards

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Take precautionary measures against static discharges
- 

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

- Hydrocarbons, C7-C9, isoalkanes  
CAS Number: None  
EC Number: 921-728-3  
Concentration: 60 - 70%  
Categories: Skin Irrit. 2, STOT SE 3, Asp. Tox. 1  
Symbols: GHS02, GHS07, GHS08, GHS09  
H Statements: H225, H315, H336, H304, H411
  - Hydrocarbons, C10 - C12, isoalkanes, <2% aromatics  
CAS Number: None  
EC Number: 923-037-2  
Concentration: 1 - 10%  
Categories: Asp. Tox. 1  
Symbols: GHS02, GHS08, GHS09  
H Statements: H226, H304, H411
  - Bis(trimethoxysilylpropyl)amine  
CAS Number: 82985-35-1  
EC Number: 280-084-5  
Concentration: 1 - 10%  
Categories: Eye Dam. 1  
Symbols: GHS05  
H Statements: H318
  - 2,6-dimethylheptan-4-one; di-isobutyl ketone  
CAS Number: 108-83-8  
EC Number: 203-620-1  
Concentration: 1 - 10%  
Categories: STOT SE 3  
Symbols: GHS02; GHS07; Xi  
R/H Phrases: H226; H335; R10; R37
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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.
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## SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

---

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

- 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  
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

- Contact with eyes  
Risk of serious damage to eyes
- Contact with skin  
Irritating to skin
- Ingestion  
Harmful: may cause lung damage if swallowed
- Inhalation  
May cause drowsiness

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

- Contact with eyes  
IF exposed or concerned: Get medical advice/attention.
- Contact with skin  
If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion  
Seek immediate medical attention
- Inhalation  
Seek medical advice if necessary

#### 4.4 General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- After absorbing large amounts of substance: Liberation of reaction products (Methanol) can lead to symptoms of poisoning, daze, dizziness, nausea, colicky abdominal pain, respiratory disturbance
- Call a POISON CENTRE or doctor if you feel unwell.

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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

## SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

---

### SECTION 6: Accidental release measures

Spillage causes slippery surface

Vapours may ignite

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

- 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
- 

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Use only in well ventilated areas
- Keep away from sources of ignition - No Smoking
- Take action to prevent static discharges.
- Wash thoroughly after handling.
- When in use the product will liberate Methanol
- Wear protective gloves/protective clothing/eye protection/face protection.

#### 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
- Store in a well-ventilated place. Keep container tightly closed.

#### 7.3 Specific end use(s)

- See Section 1.2
- 

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

- Hydrocarbons, C7-C9, isoalkanes  
DNEL (dermal): 773 mg/kg  
DNEL (inhalational): 2035 mg/m<sup>3</sup>
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## SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

---

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

- Bis(trimethoxysilylpropyl)amine  
DNEL (dermal): 4.31 mg/kg  
DNEL (inhalational): 30.41 mg/m<sup>3</sup>
- 2,6-dimethylheptan-4-one; di-isobutyl ketone  
DNEL (dermal): 80 mg/kg  
DNEL (inhalational): 290 mg/m<sup>3</sup>

#### 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



- Wear protective gloves/protective clothing/eye protection/face protection.

#### 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

#### 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.
- 

### SECTION 9: Physical and chemical properties

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

- Appearance: clear, colourless to yellow, Liquid
  - Odour: Characteristic odour
  - pH - not applicable
  - Freezing point/Range: No information available
  - Melting point - not known
  - Boiling Point/Range: 90 - 150°C
  - Flashpoint: <10°C
  - Flammability: No information available
  - Evaporation rate (Butyl acetate = 1): 1.6
  - Lower explosive limit: 0.7 % (in air)
  - Upper explosive limit: 6.3 % (in air)
  - Vapour pressure: >10 mm /Hg
  - Vapour density (air = 1): >1
  - Partition coefficient : n-Octanol/water - not known
  - Autoignition Temperature: >200°C
  - Viscosity: No information available
  - Solubility in water: immiscible with water
  - Oxidising Properties: None
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## SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

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

- Explosive Properties: None
- Specific Gravity: 0.778 - 0.798 g/cm<sup>3</sup>

#### 9.2 Other information

- Volatile Organic Compound Content 670g/l
- 

### 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

- Methanol in case of hydrolysis
- 

### SECTION 11: Toxicological information

Aspiration hazard

May cause drowsiness or dizziness.

#### 11.1 Information on toxicological effects

- Hydrocarbons, C7-C9, isoalkanes  
LD50 (dermal, rabbit): >2000 mg/kg  
LD50 (skin, rat): >5000 mg/kg  
LC50 (inhalation, rat): 21 mg/l/4h
  - Hydrocarbons, C10 - C12, isoalkanes, <2% aromatics  
LD50 (oral, rat): >5000 mg/kg  
LD50 (dermal, rabbit): >5000 mg/kg  
LC50 (inhalation, rat): >5000 mg/l/4h
  - 2,6-dimethylheptan-4-one; di-isobutyl ketone  
LD50 (oral, rat): 5750 mg/kg  
LD50 (dermal, rabbit): 1600 mg/kg  
LC50 (inhalation, rat): >2300 mg/l/4h
  - Bis(trimethoxysilylpropyl)amine  
LD50 (oral, rat): >2000 mg/kg  
LD50 (dermal, rabbit): 16640 mg/kg  
LC50 (inhalation, rat): >40 mg/l/4h
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## SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

---

### SECTION 11: Toxicological information (....)

#### 11.2 Contact with skin

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

#### 11.3 Contact with eyes

- Risk of serious damage to eyes

#### 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 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.
- 

### SECTION 12: Ecological information

#### 12.1 Toxicity

- Hydrocarbons, C7-C9, isoalkanes  
IC50 (algae): 29 mg/l (72 hr)  
EC50 (daphnia): 2.4 mg/l (48 hr)  
LC50 (fish): 18.4 mg/l (96 hr)
- Hydrocarbons, C10 - C12, isoalkanes, <2% aromatics  
IC50 (algae): 1000 mg/l (72 hr)  
EC50 (daphnia): 1000 mg/l (48 hr)  
LC50 (fish): 1000 mg/l (96 hr)
- Bis(trimethoxysilylpropyl)amine  
IC50 (algae): >100 mg/l (72 hr)  
EC50 (daphnia): >100 mg/l (48 hr)  
LC50 (fish): 130 mg/l (96 hr)
- 2,6-dimethylheptan-4-one; di-isobutyl ketone  
IC50 (algae): 100 mg/l (72 hr)  
EC50 (daphnia): 37.2 mg/l (48 hr)  
LC50 (fish): 140 mg/l (96 hr)

#### 12.2 Persistence and degradability

- Readily biodegradable

#### 12.3 Bioaccumulative potential

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## **SAFETY DATA SHEET**

S120 Advanced Board Sealer

Revision: 17 Dec 2018

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

- 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.

#### 12.6 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

- 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

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## SAFETY DATA SHEET

S120 Advanced Board Sealer

Revision: 17 Dec 2018

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

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

#### 14.6 Special precautions for user

- ADR/RID
  - Hazard ID: 33
  - Tunnel Code: D/E
- IMDG
  - IMDG EmS: F-E, S-E

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

- Not applicable
- 

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

#### 15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH
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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. H315: Causes skin irritation. H318: Causes serious eye damage. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. R10: Flammable. R37: Irritating to respiratory system.

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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