
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)

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.

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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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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.

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

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
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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
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Hydrocarbons, C7-C9, isoalkanes
DNEL (dermal): 773 mg/kg
DNEL (inhalational): 2035 mg/m³
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SECTION 8: Exposure controls/personal protection (....)

- Bis(trimethoxysilylpropyl)amine
DNEL (dermal): 4.31 mg/kg
DNEL (inhalational): 30.41 mg/m³
- 2,6-dimethylheptan-4-one; di-isobutyl ketone
DNEL (dermal): 80 mg/kg
DNEL (inhalational): 290 mg/m³

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

- Explosive Properties: None
- Specific Gravity: 0.778 - 0.798 g/cm³

9.2 Other information

- Volatile Organic Compound Content 670g/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

- 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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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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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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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
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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)
- 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 ---
