SAFETY DATA SHEET
SCOTT BADER RESIN "A"

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>SCOTT BADER RESIN &quot;A&quot;</th>
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<tbody>
<tr>
<td>SUPPLIER</td>
<td>Scott Bader</td>
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<td></td>
<td>Wollaston</td>
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<td></td>
<td>Wellingborough</td>
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<td>Northamptonshire. NN29 7RL</td>
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<td></td>
<td>E-mail: <a href="mailto:reach@scottbader.com">reach@scottbader.com</a></td>
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<tr>
<td>PRODUCT NO.</td>
<td>SP0001</td>
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</table>

2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation. Irritating to eyes and skin.

CLASSIFICATION (1999/45) Xn;R20. Xi;R36/38. R10.

ENVIRONMENT

The product is not expected to be hazardous to the environment.

PHYSICAL AND CHEMICAL HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Harmful by inhalation and in contact with skin. The product is irritating to eyes and skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification (67/548)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE</td>
<td>202-851-5</td>
<td>100-42-5</td>
<td>40-45%</td>
<td>R10 Xn;R20 Xi;R36/38</td>
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</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Unsaturated polyester resin in reactive solvent.

4 FIRST-AID MEASURES

GENERAL INFORMATION

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION

Place unconscious person on the side in the recovery position and ensure breathing. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

SKIN CONTACT

Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.
SCOTT BADER RESIN "A"

SPECIAL FIRE FIGHTING PROCEDURES
Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS
Fire causes formation of toxic gases.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS
Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS
Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Vapours are heavier than air and may spread near ground to sources of ignition.

STORAGE PRECAUTIONS
Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry and cool place. Keep in original container. Avoid contact with oxidising agents.

STORAGE CLASS
Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE</td>
<td>WEL</td>
<td>100 ppm</td>
<td>430 mg/m³</td>
<td>250 ppm</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Provide eyewash station.

ENGINEERING MEASURES
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT
Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

EYE PROTECTION
Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Viscous liquid
COLOUR Varying
ODOUR Solvent.
SOLUBILITY Insoluble in water
BOILING POINT (°C) 50-150
RELATIVE DENSITY 1.10 - 1.20 25°C
FLASH POINT (°C) 32 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid exposure to high temperatures or direct sunlight.

HAZARDOUS POLYMERISATION
May polymerise.

MATERIALS TO AVOID

HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION
Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION
In high concentrations, vapours may irritate throat and respiratory system and cause coughing. Harmful by inhalation.

INGESTION
Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT
Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin. Harmful in contact with skin.

EYE CONTACT
Irritating and may cause redness and pain.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product is not expected to be hazardous to the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

14 TRANSPORT INFORMATION

UK ROAD CLASS 3
PROPER SHIPPING NAME RESIN SOLUTION
UN NO. ROAD 1866
UK ROAD PACK GR. III
SCOTT BADER RESIN "A"

ADR CLASS NO.  3
ADR CLASS      Class 3: Flammable liquids.
ADR PACK GROUP III
HAZARD No. (ADR) 30
ADR LABEL NO.  3
HAZCHEM CODE 3Y
CEFIC TEC(R) NO. 30GF1-I+II, 30GF1-sp
RID CLASS NO.  3
RID PACK GROUP III
UN NO. SEA 1866
IMDG CLASS 3
IMDG PAGE NO. 3
IMDG PACK GR. III
EMS F-E, S-E
MFAG See Guide
MARINE POLLUTANT No.
UN NO. AIR 1866
AIR CLASS 3
AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING

Harmful

CONTAINS

STYRENE

RISK PHRASES

R10 Flammable.
R20 Harmful by inhalation.
R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S13 Keep away from food, drink and animal feeding stuffs.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.
S56 Dispose of this material and its container to hazardous or special waste collection point.
S64 If swallowed, rinse mouth with water (only if the person is conscious).
P14 Contains COBALT OCTOATE, PHTHALIC ANHYDRIDE. May produce an allergic reaction.

EU DIRECTIVES


16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

R10 Flammable.
R20 Harmful by inhalation.
R36/38 Irritating to eyes and skin.
SCOTT BADER RESIN "A"

DISCLAIMER
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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.