SAFETY DATA SHEET
CRYSTIC GELCOAT 65PA

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name CRYSTIC GELCOAT 65PA
Product No. G20403

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Resin.

1.3. Details of the supplier of the safety data sheet
Supplier Scott Bader
Wollaston
Wellingborough
Northamptonshire. NN29 7RL
Tel: +44(0)1933 663100
Emergency (24 hours) +44(0)1933 663399
Fax: +44(0)1933 663693
E-mail: reach@scottbader.com
Contact Person Regulatory Affairs Manager

1.4. Emergency telephone number
National Emergency Telephone Number
+44(0)1933 663399

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical and Chemical Hazards Flam. Liq. 3 - H226
Human health Acute Tox.4 - H332;Skin Irrit. 2 - H315;Eye Irrit. 2 - H319;STOT SE 3 - H335;STOT RE 2 - H373;Asp. Tox. 1 - H304
Environment Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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.

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.

2.2. Label elements
Contains STYRENE
Label In Accordance With (EC) No. 1272/2008

Signal Word Danger
Hazard Statements
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
CRYSTIC GELCOAT 65PA

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.

Supplementary Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe vapour/spray.
P261 Avoid breathing vapour/spray.
P264 Wash contaminated skin thoroughly after handling.
P321 Specific treatment (see medical advice on this label).
P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P331 Do NOT induce vomiting.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337 If eye irritation persists:
P362 Take off contaminated clothing and wash before reuse.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P403+235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to ...

Supplemental label information

EUH208 Contains COBALT(II) 2-ETHYLHEXANOATE, MALEIC ANHYDRIDE. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>COBALT(II) 2-ETHYLHEXANOATE</th>
<th>&lt;0.2%</th>
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</thead>
<tbody>
<tr>
<td>CAS-No.: 136-52-7</td>
<td>EC No.: 205-250-6</td>
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</tbody>
</table>

**Classification (EC 1272/2008)**
- Acute Tox. 4 - H302
- Skin Sens. 1 - H317
- Repr. 2 - H361f
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

**Classification (67/548/EEC)**
- Xn, R22.
- Repr. Cat. 3; R62.
- N; R50/53.
- R43.
## CRYSTIC GELCOAT 65PA

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FUMED SILICIA (CAB-O-SIL)</td>
<td>2-4%</td>
<td>112945-52-5</td>
<td>231-545-4</td>
<td>Not classified.</td>
<td>Not classified.</td>
</tr>
<tr>
<td>MALEIC ANHYDRIDE</td>
<td>&lt;1%</td>
<td>108-31-6</td>
<td>203-571-6</td>
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<td>C;R34</td>
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<tr>
<td>STYRENE</td>
<td>35-40%</td>
<td>100-42-5</td>
<td>202-851-5</td>
<td></td>
<td>Xn;R20,R48/20,R65.</td>
</tr>
</tbody>
</table>

### Composition Comments
Unsaturated polyester resin in reactive solvent.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of 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 can take place. 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.

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

**General information**
The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

**Skin contact**
Skin irritation.

**Eye contact**
Irritating to Eyes
4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

5.3. Advice for firefighters

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.

Protective equipment for fire-fighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

Usage Description

Use appropriate handling techniques and storage temperatures

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
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<tbody>
<tr>
<td>FUMED SILICIA (CAB-O-SIL)</td>
<td>OEL</td>
<td>6 mg/m³</td>
<td>2.4 mg/m³</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>total dust</td>
<td>resp dust</td>
<td></td>
</tr>
<tr>
<td>STYRENE</td>
<td>WEL</td>
<td>100 ppm</td>
<td>430 mg/m³</td>
<td>250 ppm</td>
</tr>
</tbody>
</table>

OEL = Occupational Exposure Limit.

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

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 hands 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance Viscous liquid.
Colour Varying.
Odour Solvent.
Solubility Insoluble in water
Initial boiling point and boiling range 50-150
Relative density 1.10 - 1.20 25°C
Flash point 32 CC (Closed cup).

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Hazardous Polymerisation
May polymerise.

10.4. Conditions to avoid
Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials
Materials To Avoid

10.6. Hazardous decomposition products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
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.

SECTION 12: ECOLOGICAL INFORMATION

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

12.1. Toxicity
Not environmentally hazardous

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.8. Other adverse effects

SECTION 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.

13.1. Waste treatment 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.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number
UN No. (ADR/RID/ADN) 1866
UN No. (IMDG) 1866
UN No. (ICAO) 1866

14.2. UN proper shipping name
Proper Shipping Name RESIN SOLUTION

14.3. Transport hazard class(es)
ADR/RID/ADN Class 3
ADR/RID/ADN Class Class 3: Flammable liquids.
ADR Label No. 3
IMDG Class 3
ICAO Class/DIVision 3
Transport Labels
14.4. Packing group

ADR/RID/ADN Packing group III
IMDG Packing group III
ICAO Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

EMS F-E, S-E
Emergency Action Code •3Y
Hazard No. (ADR) 30
Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Date 19/11/2012
Revision 2
Risk Phrases In Full
R34 Causes burns.
R10 Flammable.
R20 Harmful by inhalation.
R22 Harmful if swallowed.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65 Harmful: may cause lung damage if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R42/43 May cause sensitisation by inhalation and skin contact.
R43 May cause sensitisation by skin contact.
R62 Possible risk of impaired fertility.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazard Statements In Full

H319  Causes serious eye irritation.
H314  Causes severe skin burns and eye damage.
H315  Causes skin irritation.
H226  Flammable liquid and vapour.
H332  Harmful if inhaled.
H302  Harmful if swallowed.
H304  May be fatal if swallowed and enters airways.
H334  May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317  May cause an allergic skin reaction.
H373  May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H335  May cause respiratory irritation.
H361f Suspected of damaging fertility.
H410  Very toxic to aquatic life with long lasting effects.
H400  Very toxic to aquatic life.

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.