1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

<table>
<thead>
<tr>
<th>Material name</th>
<th>Steel Stick</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Product use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy repair compound</td>
</tr>
</tbody>
</table>

1.3 Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Manufacturer/Supplier:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMG Ltd., Unit M</td>
</tr>
<tr>
<td>Riverside Industrial Estate</td>
</tr>
<tr>
<td>Fazeley</td>
</tr>
<tr>
<td>Tamworth</td>
</tr>
<tr>
<td>B78 3RW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tel.</th>
</tr>
</thead>
<tbody>
<tr>
<td>01827 283322</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fax.</th>
</tr>
</thead>
<tbody>
<tr>
<td>01827 250143</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Email (for SDSs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:sales@img-limited.co.uk">sales@img-limited.co.uk</a></td>
</tr>
</tbody>
</table>

1.4 Emergency tel. no. : 01827 283322 (Available from 8.30 – 17.00 hours).

2. HAZARDS IDENTIFICATION

1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation.

<table>
<thead>
<tr>
<th>Physical and Chemical Hazards</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human health</td>
<td>Sk Irrit.2; H315; Sk.Sens.1; H317; Eye Irrit.2; H319; EUH205</td>
</tr>
<tr>
<td>Environment</td>
<td>Aq.Chronic 2; H411</td>
</tr>
</tbody>
</table>

2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC

<table>
<thead>
<tr>
<th>Signal word:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contains:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A-(Epichlorhydrin) {Reaction product}</td>
</tr>
</tbody>
</table>

Pictograms:

Hazard statements:

<table>
<thead>
<tr>
<th>H315</th>
</tr>
</thead>
<tbody>
<tr>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H317</td>
</tr>
<tr>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H319</td>
</tr>
<tr>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H411</td>
</tr>
<tr>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

Precautionary statements:

<table>
<thead>
<tr>
<th>P273</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid release to the environment.</td>
</tr>
<tr>
<td>P280</td>
</tr>
<tr>
<td>Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>P302+352</td>
</tr>
<tr>
<td>IF ON SKIN: Wash with plenty of soap and water.</td>
</tr>
<tr>
<td>P333+313</td>
</tr>
<tr>
<td>If skin irritation or a rash occurs: Get medical advice/attention.</td>
</tr>
<tr>
<td>P305+351+338</td>
</tr>
<tr>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.</td>
</tr>
<tr>
<td>P501</td>
</tr>
<tr>
<td>Dispose of contents/container in accordance with national regulations.</td>
</tr>
</tbody>
</table>
2.3 Other hazards:
No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No./EC No./Reg. No</th>
<th>Classification (1272/2008/EC)</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}</td>
<td>25068-38-6 500-033-5</td>
<td>Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash skin thoroughly with soap and warm water. Dry skin and apply replenishing cream. Seek medical advice if irritation develops.

Eye contact: Rinse with water for 15 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: No undue effects in normal circumstances, if affected remove to fresh air and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause irritation to skin and eyes. May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed: See skin and eye contact information above.
5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Product is non-flammable; use appropriate extinguishing media for the surrounding area.

Unsuitable extinguishing media: Not applicable.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers. Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up any liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections

See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area between 5°C and 25°C. Keep container tightly closed.

7.3 Specific end use(s)

No information available.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No ingredients have been assigned a Workplace Exposure Limit.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Personal protective equipment

Respiratory protection: Self contained breathing apparatus may be required if handling in a confined space with no ventilation.

Hand protection: Nitrile or neoprene gloves; check with glove manufacturer for specific advice.

Eye protection: Tightly-fitting safety goggles.

Skin and body protection: Protective overalls.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour    Coloured putty
Odour             Mild
Odour Threshold   No data available
Flammability      Non-flammable
Flash point       >200°C
Lower explosion limit Not applicable
Upper explosion limit Not applicable
Explosive properties Not explosive
Thermal decomposition No data available
Auto-ignition temperature Not applicable
Oxidising properties Non-oxidising
Solubility in water   Insoluble
Solubility in other solvents Not determined
pH                 Not applicable
Melting point/range Not determined
Boiling point/range Not determined
Density           No data available
Vapour pressure   No data available
Vapour density    No data available
Partition coefficient: n-octanol/water No data available
Viscosity (kinematic) No data available
Evaporation rate  No data available

9.2 Other information

No data available
10. STABILITY AND REACTIVITY

10.1 Reactivity
Generally non-reactive.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
None if stored and used as directed.

10.4 Conditions to avoid
Prolonged heat.

10.5 Incompatible materials

10.6 Hazardous decomposition products
Combustion will generate oxides of carbon, acrid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral (LD50)</th>
<th>Inhalation (LC50)</th>
<th>Dermal (LD50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A-(Epichlorhydrin) {Reaction product}</td>
<td>11400 mg/kg (Rat)</td>
<td>No data available</td>
<td>&gt;20 ml/kg (Rabbit)</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: May cause skin irritation.

Serious eye damage/eye irritation: May cause eye irritation.

Respiratory or skin sensitisation: May cause skin sensitisation.

Repeated dose toxicity: No data available.

Carcinogenicity: Not carcinogenic.

Mutagenicity: Not mutagenic.

Toxicity for reproduction: Not expected to impair fertility.

Specific target organ toxicity (STOT): No data available.

Further information

The product as a whole is unlikely to cause any significant adverse effects, particularly when the advice in Sections 7 and 8 is followed.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data available.

12.2 Persistence and degradability
Not readily biodegradable.

12.3 Bioaccumulative potential
No data available.

12.4 Mobility in soil
No data available.

12.5 Results of PBT and vPvB assessment
No data available.

12.6 Other adverse effects
Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.

Do not dispose of together with household waste. Contact licensed waste disposal company.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Do not burn or use a cutting torch on the empty container.
14. TRANSPORT INFORMATION

14.1 UN number
ADR/RID/ADN; IMDG; ICAO 3082

14.2 UN proper shipping name
ENVIROMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s [BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}]

14.3 Transport hazard class(es)
ADR/RID/ADN Class 9
ADR/RID/ADN Class Class 9
ADR Label No. 9
IMDG Class 9
ICAO Class/Division 9
ICAO Subsidiary risk 9

14.4 Packing Group
ADR/RID/ADN; IMDG; ICAO III

14.5 Environment hazards
Marine Pollutant Yes

14.6 Special precautions for user
EMS F-A, S-F

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. REGULATORY INFORMATION

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

UK Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Statutory Instruments

Guidance Notes
Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment
A Chemical Safety Assessment has not been performed on this product.
### 16. OTHER INFORMATION


Tariff number: 39073000

**Full text of H-statements referred to under sections 2 and 3**

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**Abbreviations and acronyms**

- CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
- STOT: Single Target Organ Toxicity (Section 11).
- TWA: Time-weighted average. (Section 8).
- STEL: Short-term exposure limit. (Section 8).
- PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
- vPvB: very Persistent and very Bioaccumulative. (Section 12).
- EC50: Effective Concentration, 50 percent. (Section 12).
- LC50: Lethal Concentration, 50 percent. (Section 11/12).
- LD50: Lethal Dose, 50 percent. (Section 11).

**Legal disclaimer**: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[Final page]