



THE FENDER BCS GROUP OF COMPANIES

[www.fenderbcs.co.uk](http://www.fenderbcs.co.uk)

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

**Product** **Supa-Mortar EP** **Base Component**  
**Company Name** Fender Steel Ltd  
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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous Ingredients** Mixture of Epoxy Resin and reactive diluent

| Name   | EC No    | CAS -No     | Content | Symbol | R Phrase                    |
|--|----------|-------------|---------|--------|-----------------------------|
| Bisphenol A=Epichlorhydrin Resin with no. average M.W.=700 | 500-06-8 | 028064-14-4 | 40-50%  | Xi,N   | R36/38<br>R43<br>R51<br>R53 |
| Bisphenol F = Epoxy Resin                                  |          | 9003-36-5   | 16-18%  | Xi N   | R36/38<br>R43<br>R51<br>R53 |
| C <sub>12</sub> -C <sub>14</sub> aliphatic Glycidyl Ether  |          | 68609-97-2  | 8-15%   | Xi,N   | R36/38<br>R43<br>R51<br>R53 |

**3. HAZARDS IDENTIFICATION**

**Main Hazards** Irritating to eyes and skin. May cause sensitisation by skin contact. Not classified as flammable but will burn.

**4. FIRST AID MEASURES**

**Skin contact** Remove contaminated clothing immediately. Rinse affected skin with copious amounts of soap and water. If persistent irritation occurs obtain medical attention.

**Eye contact** Immediately flush eyes with running water for at least 15 minutes without interruption. Seek medical advice.

**Ingestion** **DO NOT** induce vomiting. If rapid recovery does not occur obtain medical attention.

**Inhalation** No specific measures. Remove to fresh air in case of indisposition.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media** Dry powder, Carbon Dioxide, Water spray.

Carbon Monoxide may be evolved if incomplete combustion occurs.

**Exposure hazards** Wear full protective clothing and self contained breathing apparatus.

**Protection of fire-fighters**

*Our expertise is fitting all the pieces together*

**Fender Steel**

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## 6. ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | Avoid skin, eye and clothing contact. Provide sufficient ventilation during use.  |
| <b>Environmental precautions</b> | Prevent from entering sewer system, surface water or soil. Prevent from spreading into drains, ditches or rivers by using sand, earth or other appropriate barriers       |
| <b>Clean-up procedures</b>       | Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed<br>Shovel up and place in a labeled, sealable container for subsequent disposal. |

## 7. HANDLING AND STORAGE

|                              |  |
|------------------------------|--|
| <b>Handling requirements</b> | Use in well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin, eyes and clothing.<br>Avoid temperatures below 5°C. |
| <b>Storage conditions</b>    | Store at ambient temperatures.   |
| <b>Suitable packaging</b>    | Must only be kept in original packaging.   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                             |  |
|-----------------------------|--|
| <b>Engineering measures</b> | Ensure there is sufficient ventilation of the area.                  |
| <b>Hand protection</b>      | Protective gloves of PVC or rubber.                                  |
| <b>Eye protection</b>       | Mono-goggles.  |
| <b>Skin protection</b>      | Standard issue work clothes. Safety boots/shoes; chemical resistant. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |                                    |
|----------------------------|------------------------------------|
| <b>State</b>               | Liquid.                            |
| <b>Colour</b>              | Grey                               |
| <b>Odour</b>               | Slight                             |
| <b>Solubility in water</b> | Negligible                         |
| <b>Density</b>             | 1.12 – 1.20/cm <sup>3</sup> @20°C. |
| <b>Flash point °C</b>      | >200°C                             |

## 10. STABILITY AND REACTIVITY

|                                    |   |
|------------------------------------|---|
| <b>Stability</b>                   | Stable under normal conditions. Thermal decomposition not applicable under normal conditions. |
| <b>Conditions to avoid</b>         | Temperatures above 95°C.  |
| <b>Materials to avoid</b>          | Acids, Strong Oxidising Agents, and Caustic Soda.   |
| <b>Haz. Decomposition Products</b> | Carbon Dioxide, Carbon Monoxide.  |

## 11. TOXICOLOGICAL INFORMATION

|                     |  |
|---------------------|--|
| <b>Ingestion</b>    | LD50 Acute oral toxicity in rats : >2000mg/kg. |
| <b>Eye Contact</b>  | Eye irritation tested in rabbits : Irritant    |
| <b>Skin Contact</b> | Skin irritation tested in rabbits : Irritant   |
| <b>Mutagenicity</b> | Negative Ames test.                            |

## 12. ECOLOGICAL INFORMATION

|                                  |   |
|----------------------------------|---|
| <b>Mobility</b>                  | Readily absorbed into soil. Prevent contamination of soil, drains or surface water. |
| <b>Bioaccumulative potential</b> | Material sinks in water and has the potential to Bio-accumulate.                    |
| <b>Other adverse effects</b>     | Not readily Bio-degradable (Sturm Test), Toxic to aquatic organisms                 |

## 13. DISPOSABLE CONSIDERATIONS

Recover or recycle if possible.  
Otherwise dispose to licensed disposal contractor.

**14. TRANSPORT INFORMATION****ADR/RID**

|                             |  |                       |     |
|-----------------------------|--|-----------------------|-----|
| <b>UN no</b>                | 3082   | <b>ADR Class</b>      | 9   |
| <b>Packing Group</b>        | III  | <b>Classification</b> | C11 |
| <b>Proper Shipping Name</b> | Environmentally Hazardous Substance, Liquid n.o.s (Bisphenol A Epoxy Resins) | <b>code</b>           |     |
|                             |  | <b>Risk no</b>        | 90  |

**IMDG/IMO**

|                         |      |                  |         |
|-------------------------|------|------------------|---------|
| <b>UN no</b>            | 3082 | <b>Class</b>     | 9       |
| <b>Packing Group</b>    | III  | <b>EmS</b>       | F-A S-F |
| <b>Marine Pollutant</b> | Y    | <b>Labelling</b> | 9       |

**IATA/ICAO**

|                      |      |                            |                                |
|----------------------|------|----------------------------|--------------------------------|
| <b>UN no</b>         | 3082 | <b>Class</b>               | 9                              |
| <b>Packing Group</b> | III  | <b>Packing Instruction</b> | 914 (cargo/passenger aircraft) |
| <b>Labelling</b>     | 9    |                            |                                |

**15. REGULATORY INFORMATION**

|                       |   |
|-----------------------|---|
| <b>Hazard Symbol</b>  | Xi, Irritant. N, Dangerous to the environment.  |
| <b>Risk Phrases</b>   | R36/38, Irritating to eyes and skin.<br>R43, May cause sensitization by skin contact.<br>R51, Toxic to aquatic organisms<br>R53, May cause long-term adverse effects in the aquatic environment.  |
| <b>Safety Phrases</b> | S24, Avoid contact with skin.<br>S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>S28, After contact with skin, wash immediately with soap and water.<br>S37/39, Wear suitable protective clothing, gloves, and eye/face protection.<br>S61, Avoid release to the environment. |

**16. OTHER INFORMATION**

|                          |  |
|--------------------------|--|
| <b>Other information</b> | Read in conjunction with the appropriate <b>CURING AGENT</b> component Material Safety Data Sheet. |
|--------------------------|--|

**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. FenderBCS Group shall not be held liable for any damage resulting from handling or from contact with the above product.